

Modelação e Visualização Tridimensional em Arquitectura

U LISBOA

UNIVERSIDADE
DE LISBOA



FACULDADE DE ARQUITETURA
UNIVERSIDADE DE LISBOA

Mestrado Integrado em Arquitectura
Ano Lectivo 2022-2023 2º Semestre
Docente - Nuno Alão 3º Ano

20191469

BEATRIZ SANTOS



U LISBOA

UNIVERSIDADE
DE LISBOA



FACULDADE DE ARQUITETURA
UNIVERSIDADE DE LISBOA

MVTA

Mestrado Integrado em Arquitectura
Ano Lectivo 2022-2023 2º Semestre
Docente - Nuno Alão 3º Ano

ÍNDICE

Exercício 1 – Superfície Parabólica

Exercício 2 – Sólidos tridimensionais

2.1 – Cubo

2.2 – Tetraedro

2.3 – Octaedro

2.4 – Dodecaedro

2.5 – Icosaedro

2.6 – Dualidades

Exercício 3 – Cone: Secções

3.2 – Superfícies de Revolução

Exercício 4 – Tabuleiro de Xadrez

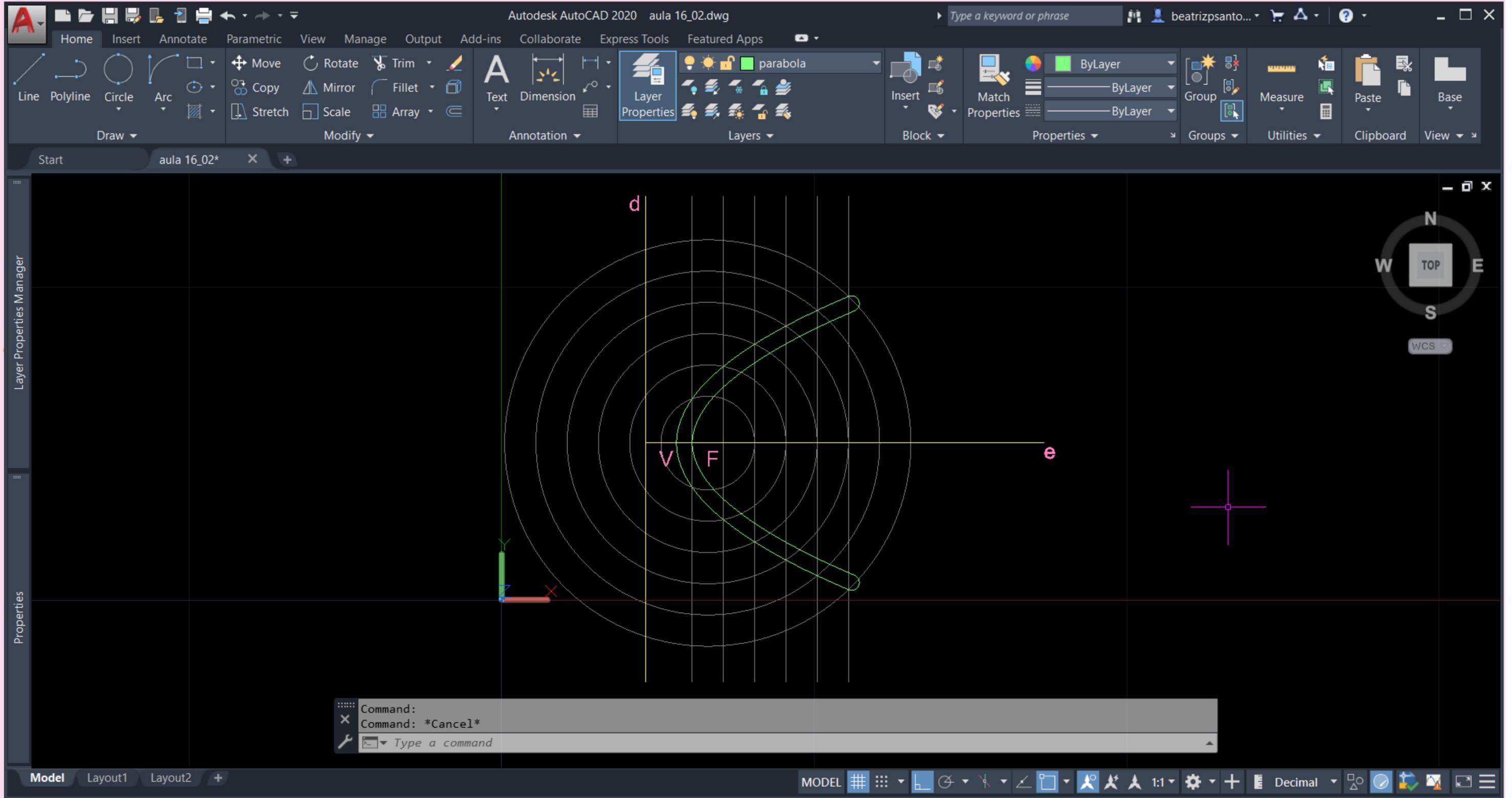
Exercício 5 – Superfícies

5.1 – Parabolóide Hiperbólico

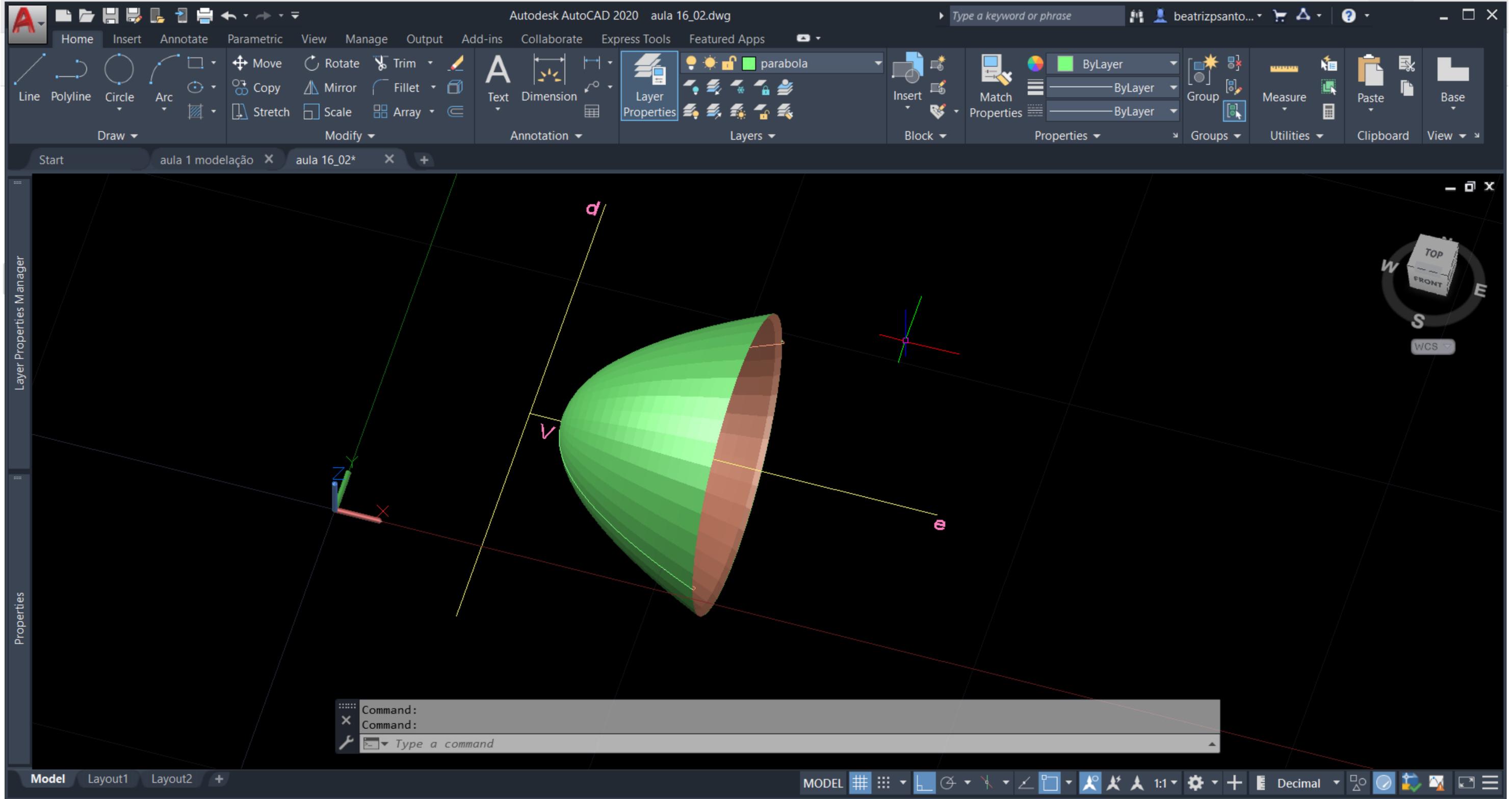
5.2 – Loft

Exercício 6 – Guggenheim

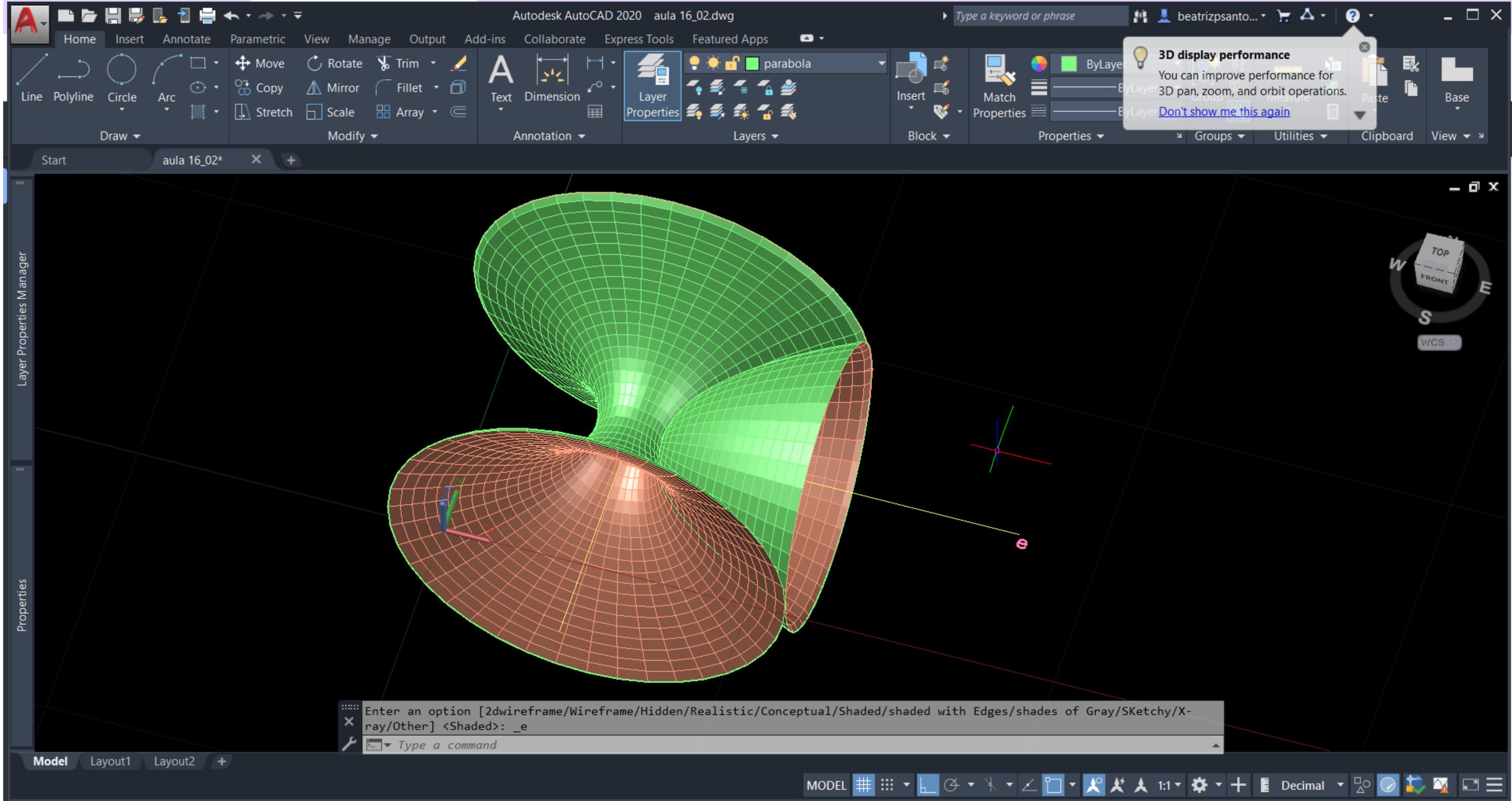
Exercício 7 – Candeeiro



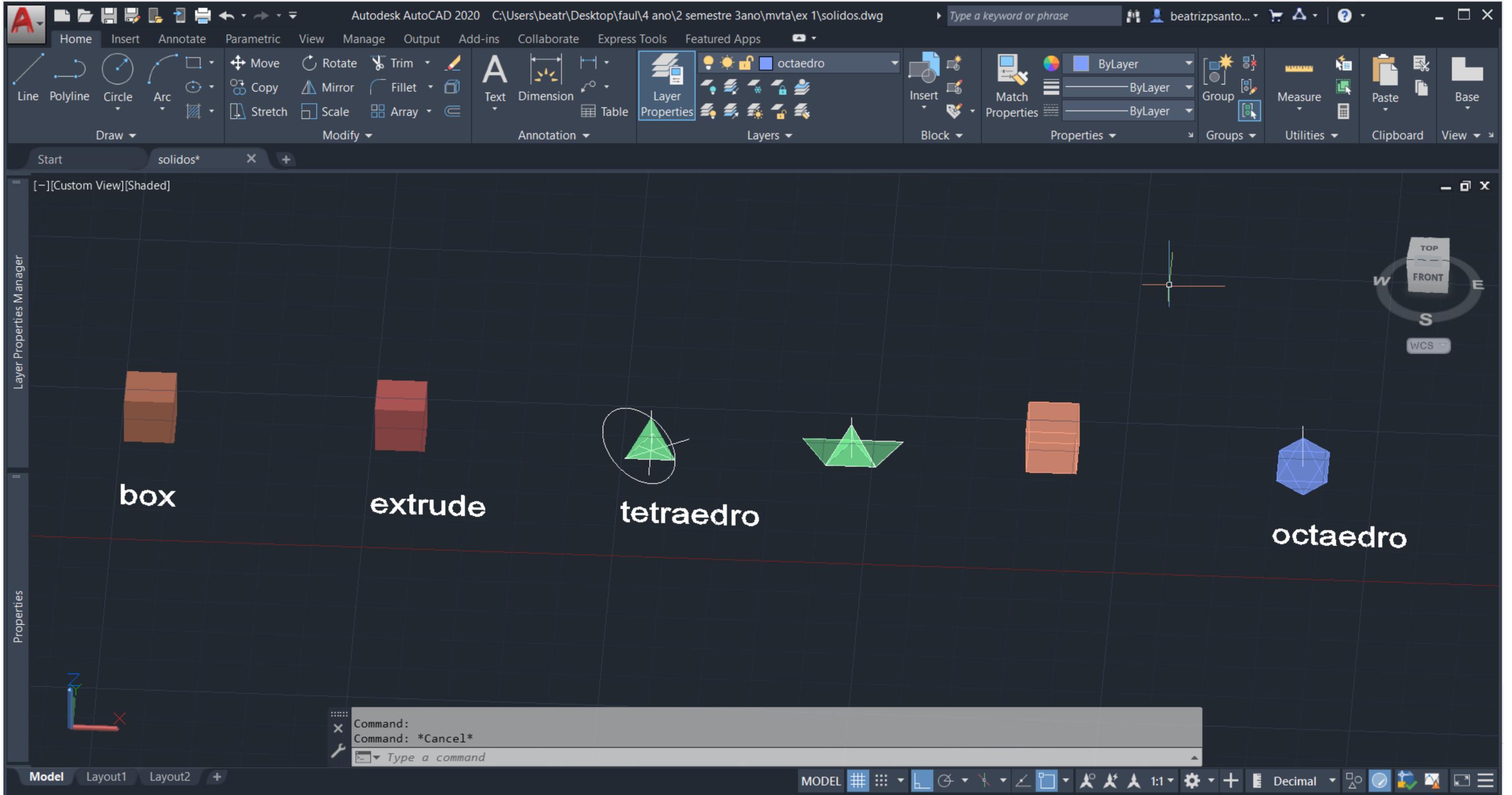
Exerc. 1.1 - Superfície Parabólica



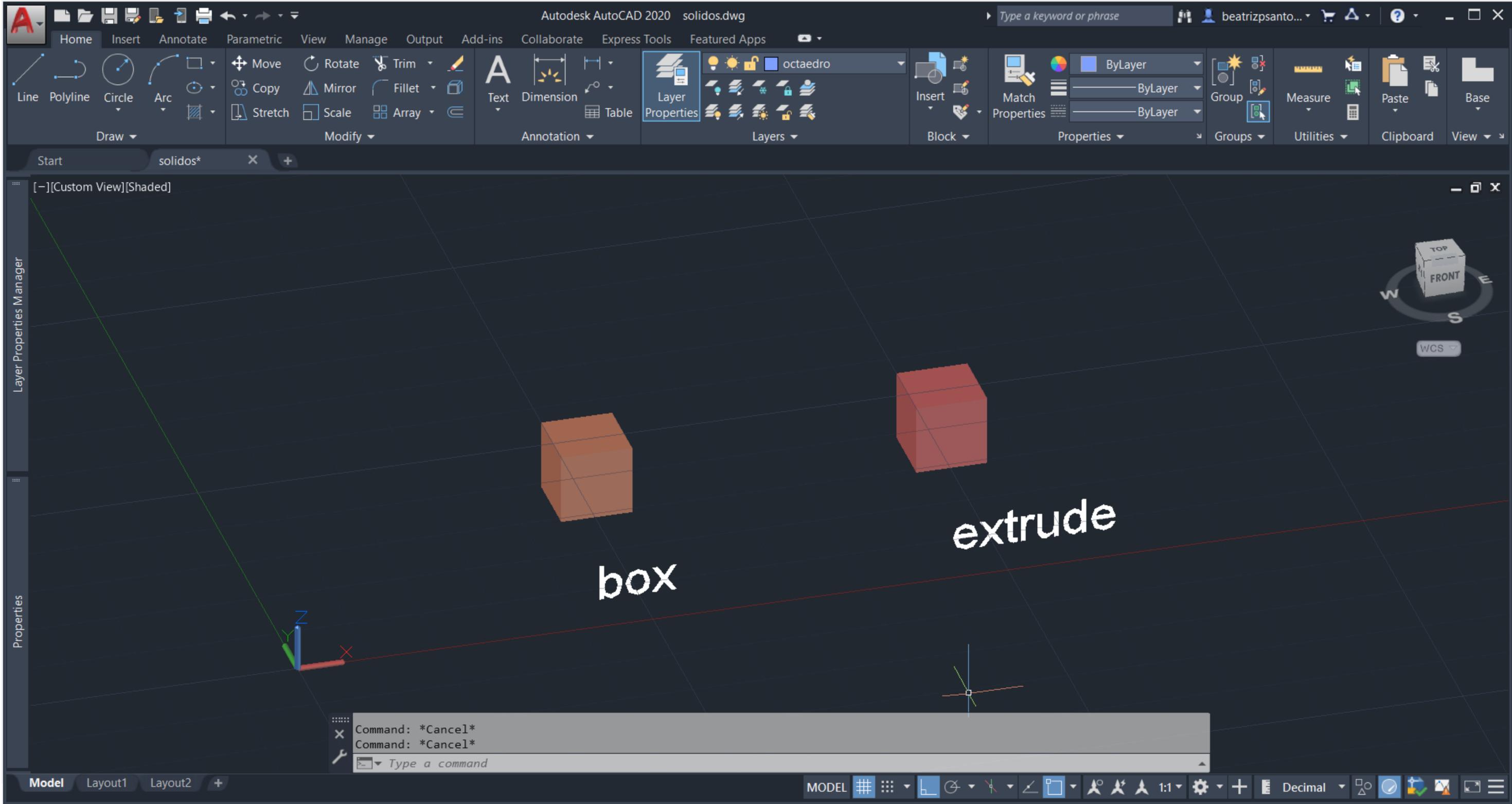
Exerc. 1.1 - Superfície Parabólica



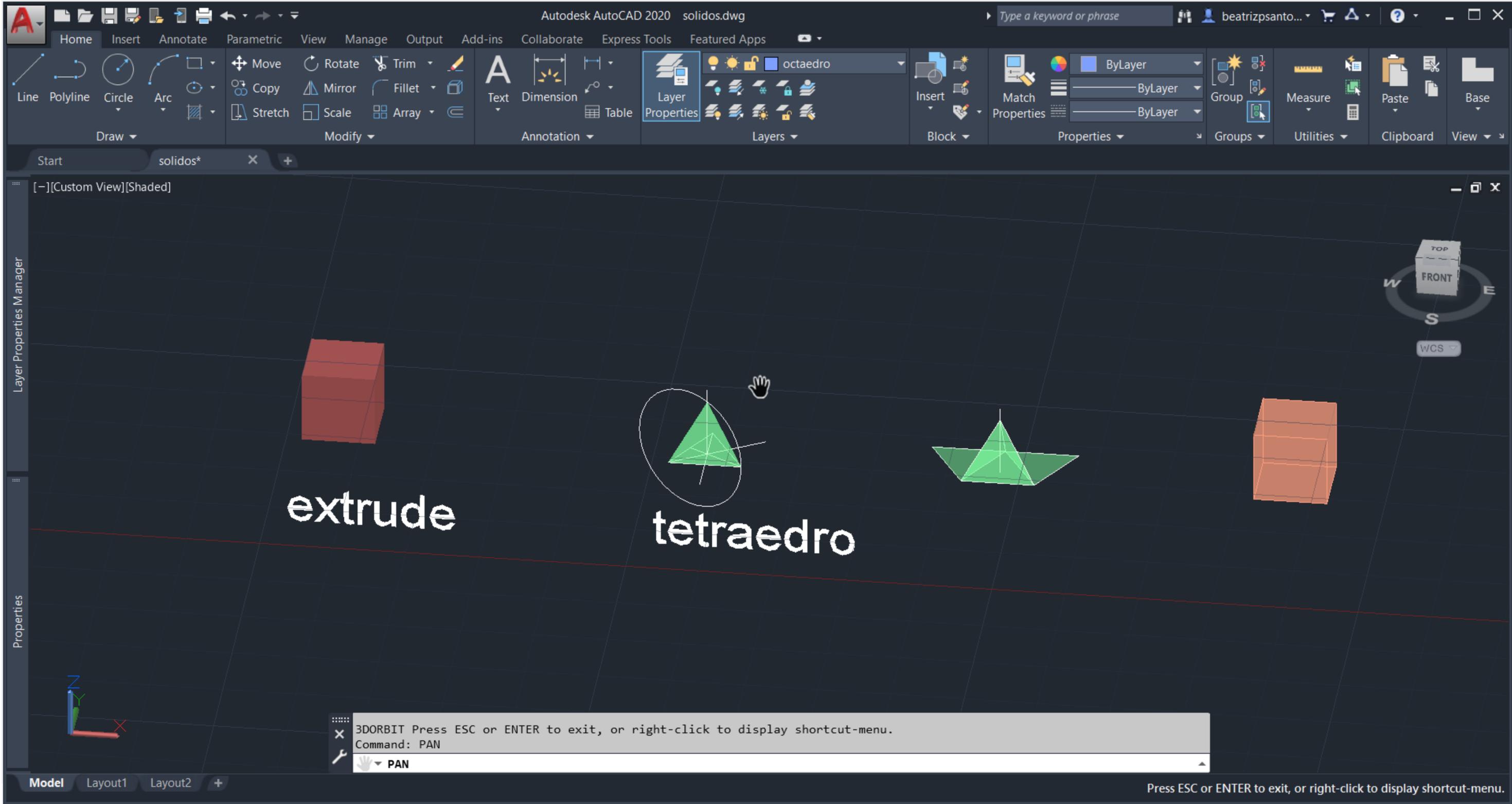
Exerc. 1.1 - Superfície Parabólica



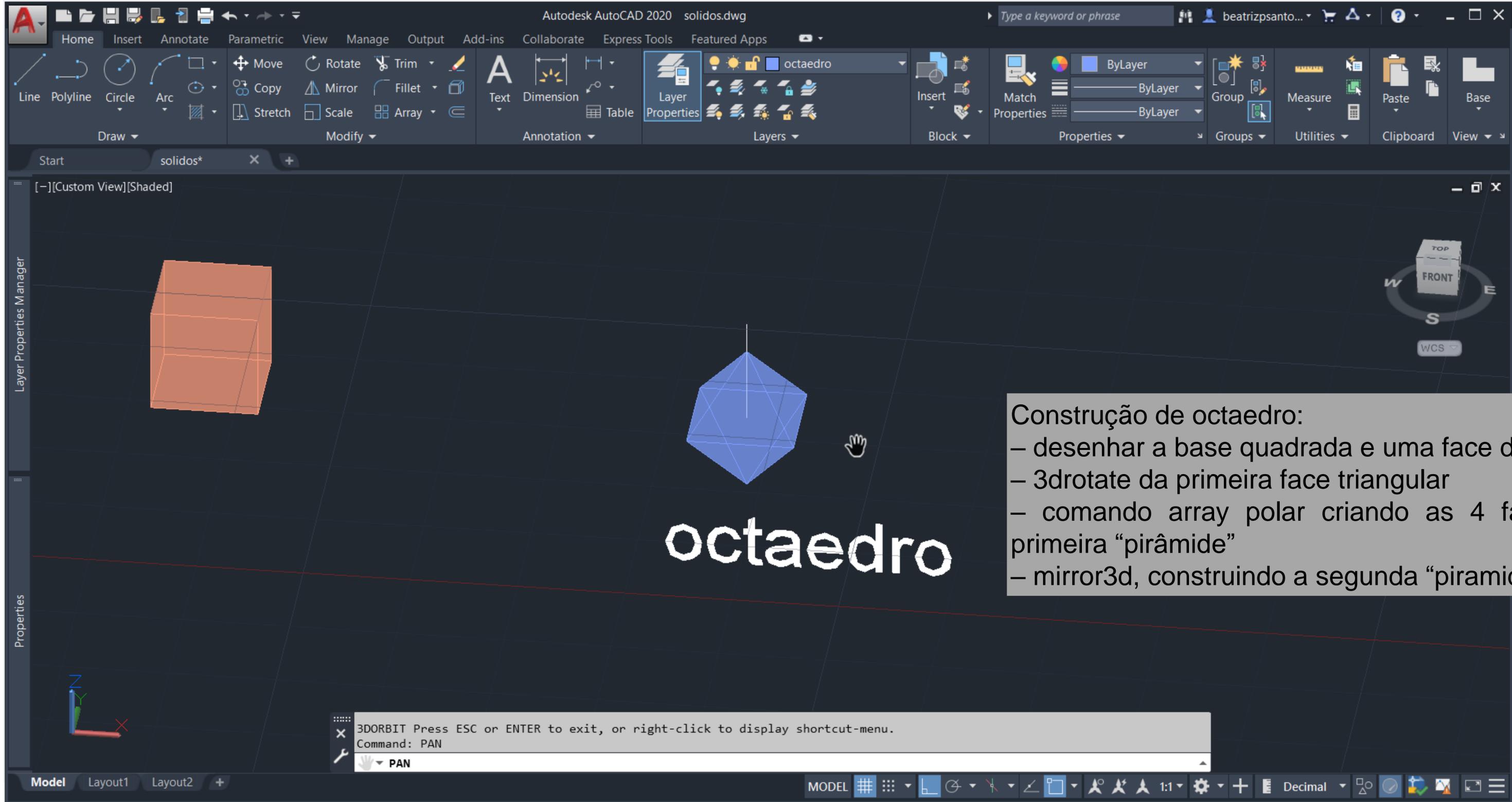
Exerc. 2 – Sólidos Tridimensionais



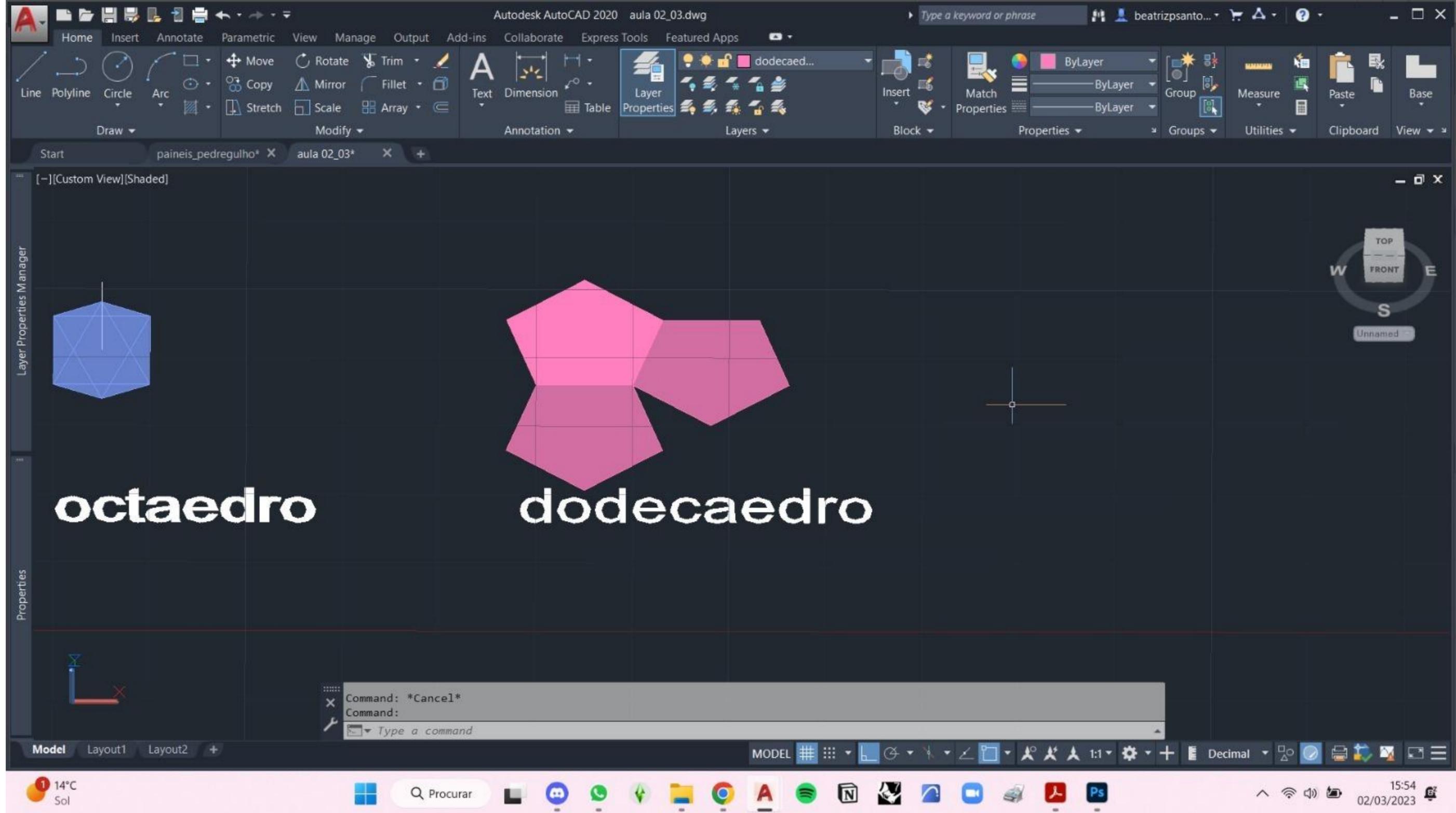
Exerc. 2.1 – cubo



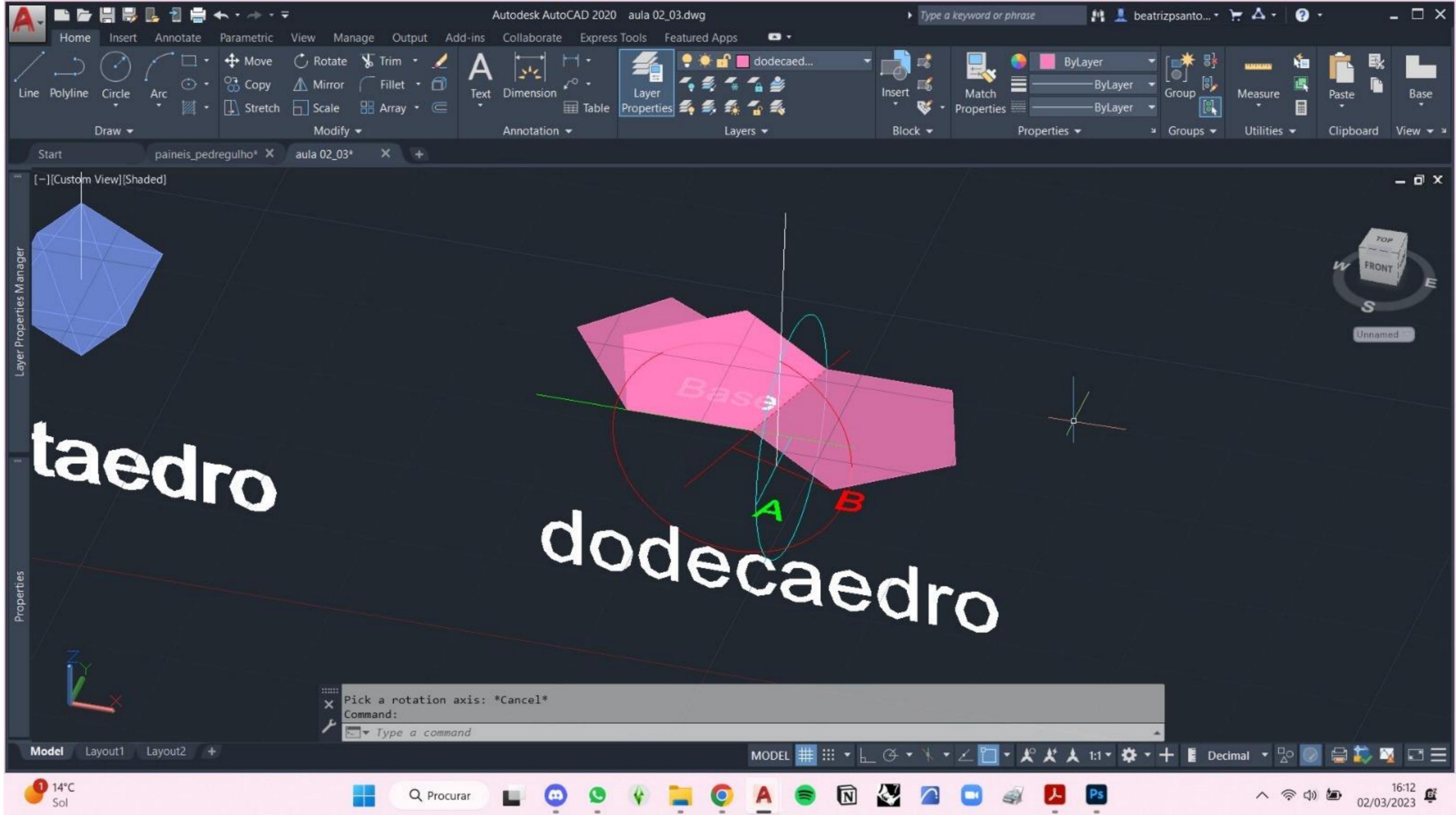
Exerc. 2.2 – tetraedro



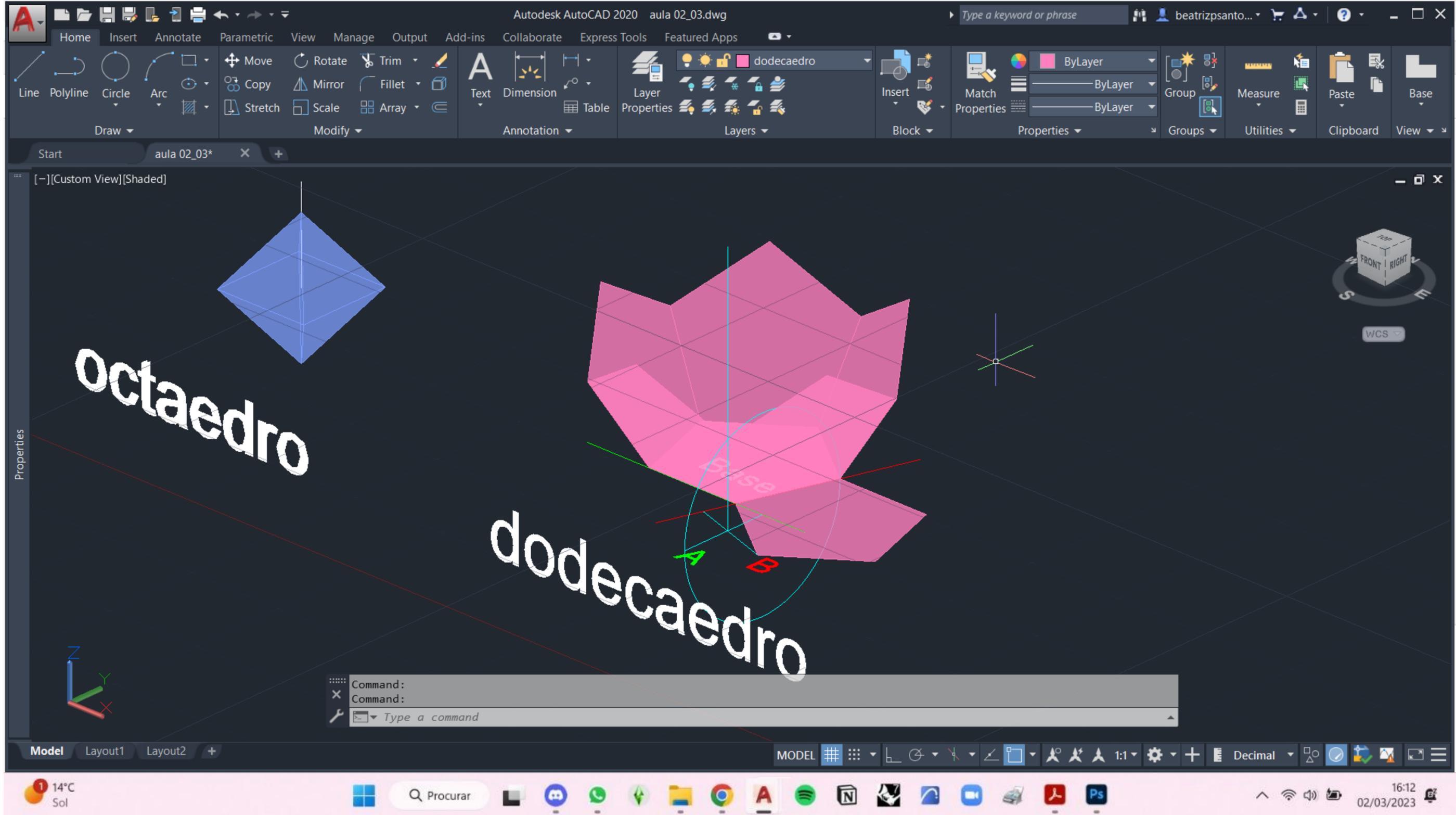
Exerc. 2.3 – octaedro



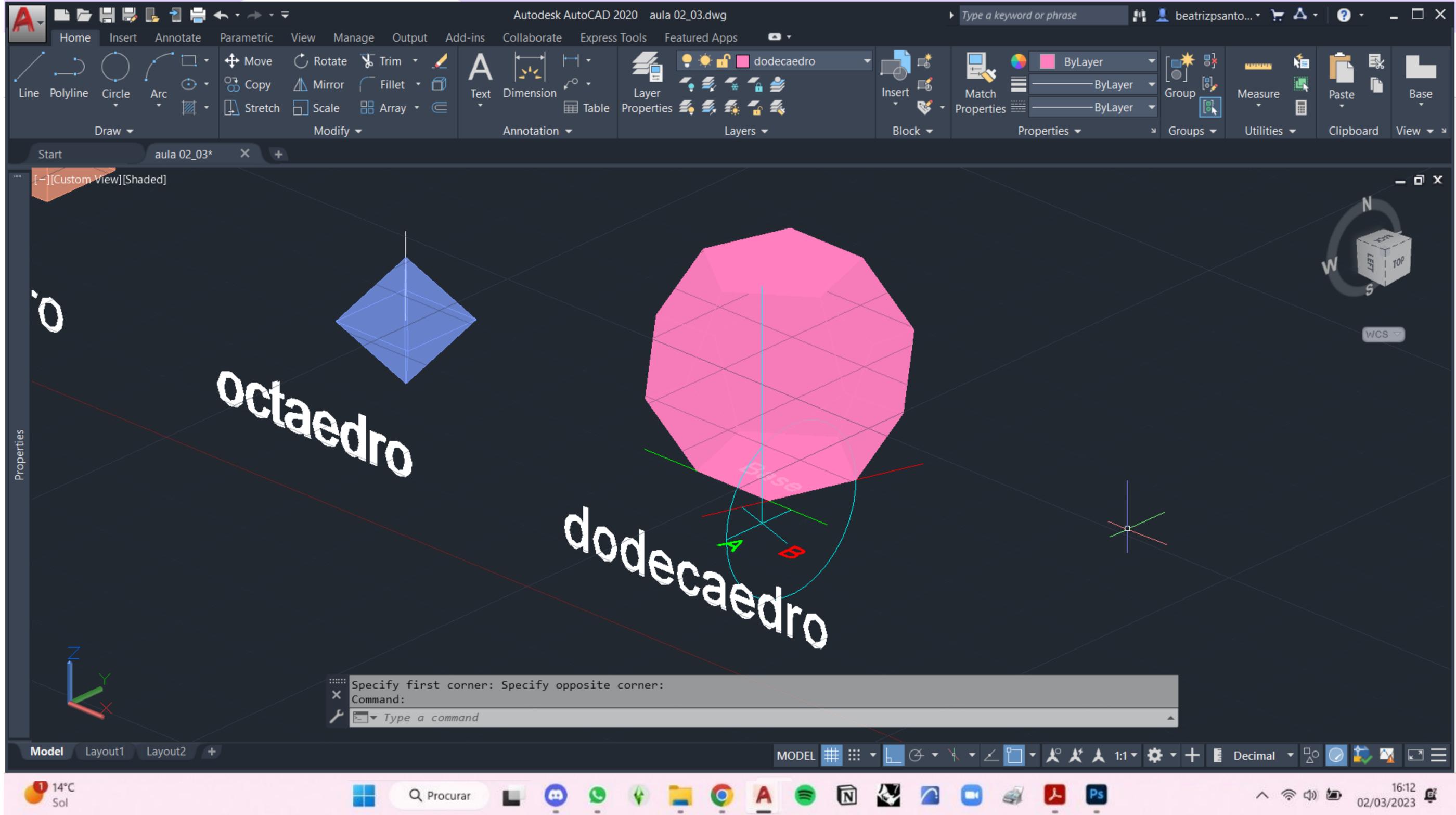
Exerc. 2.4 – dodecaedro



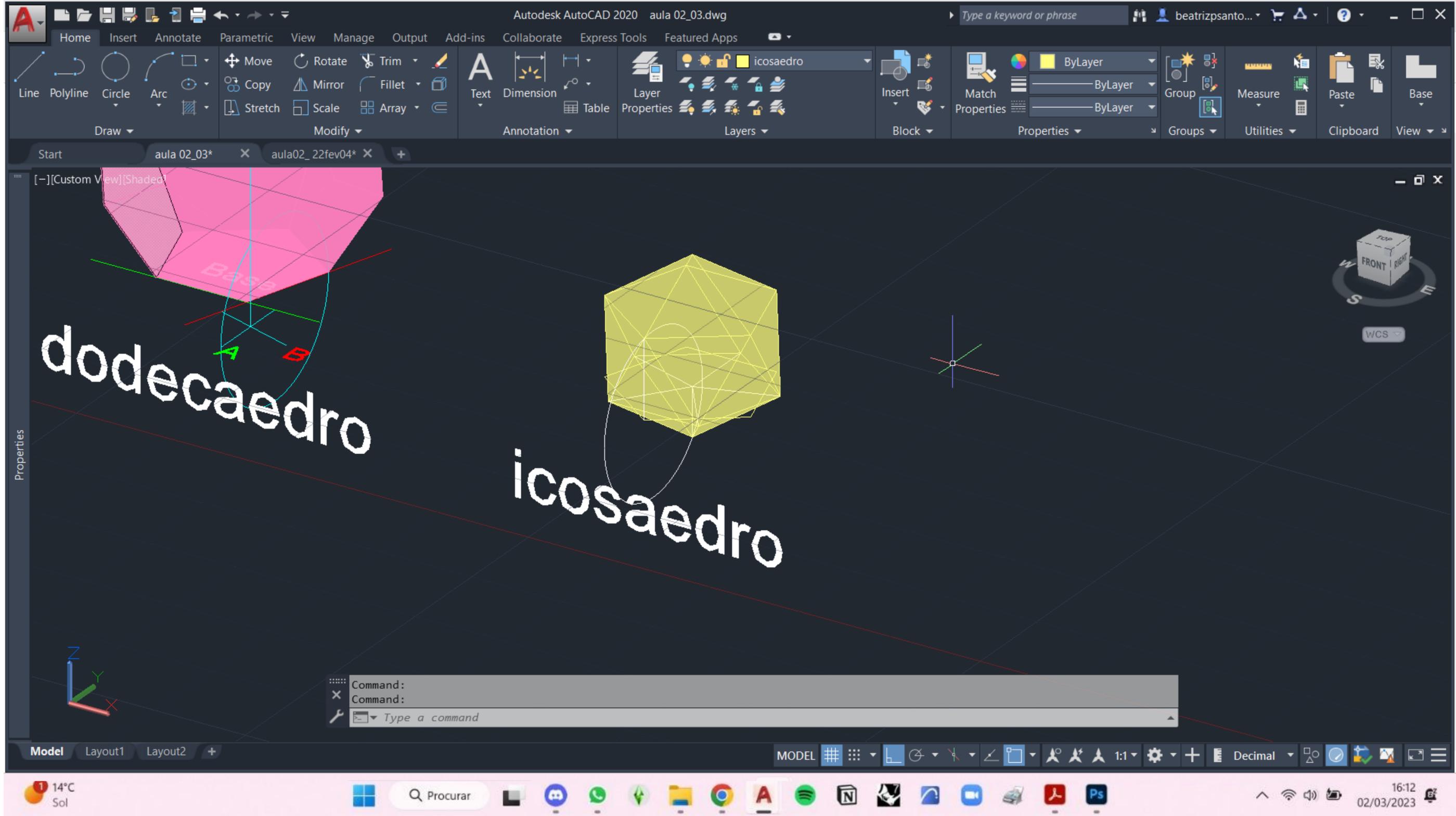
Exerc. 2.4 – dodecaedro



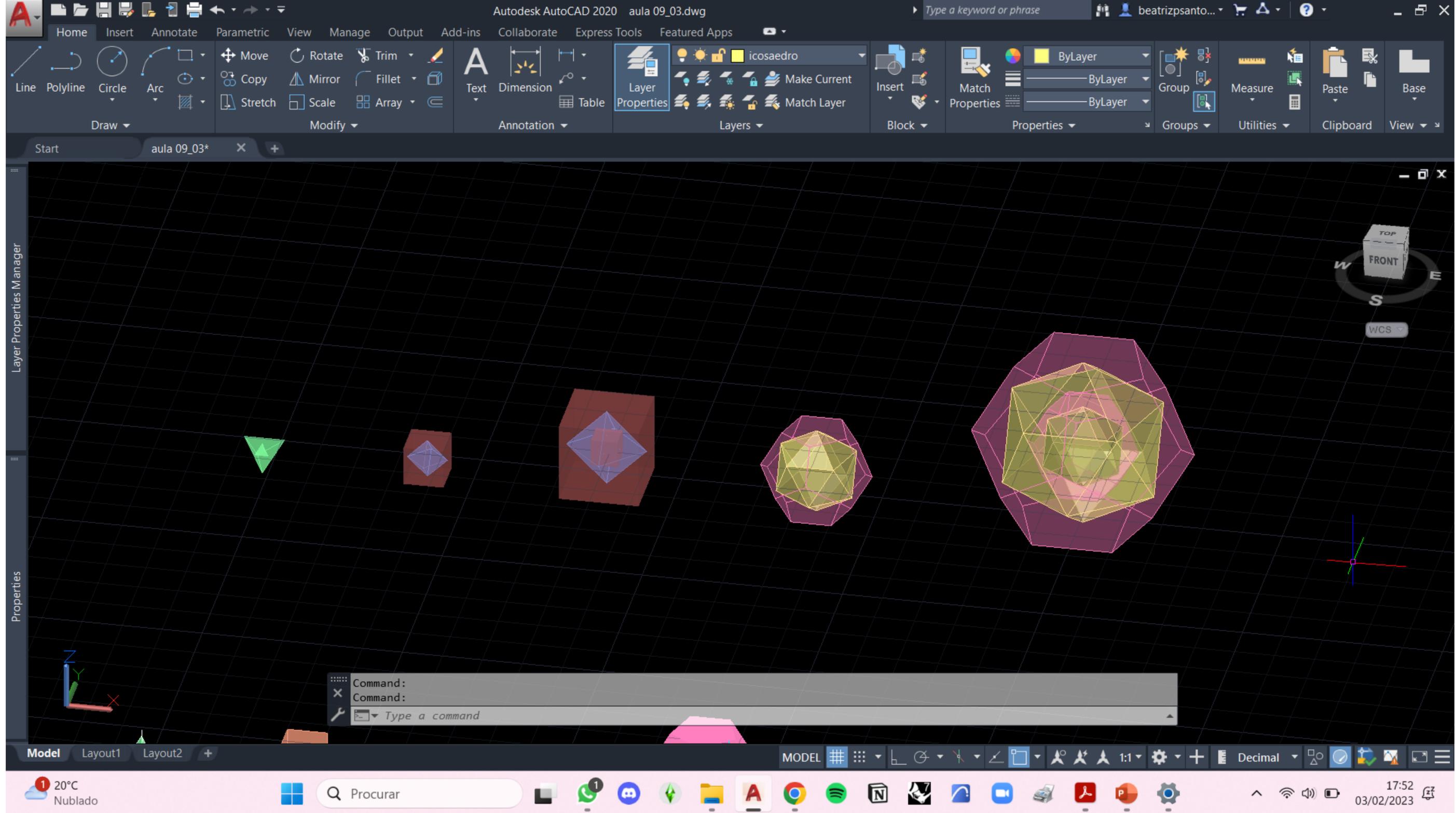
Exerc. 2.4 – dodecaedro



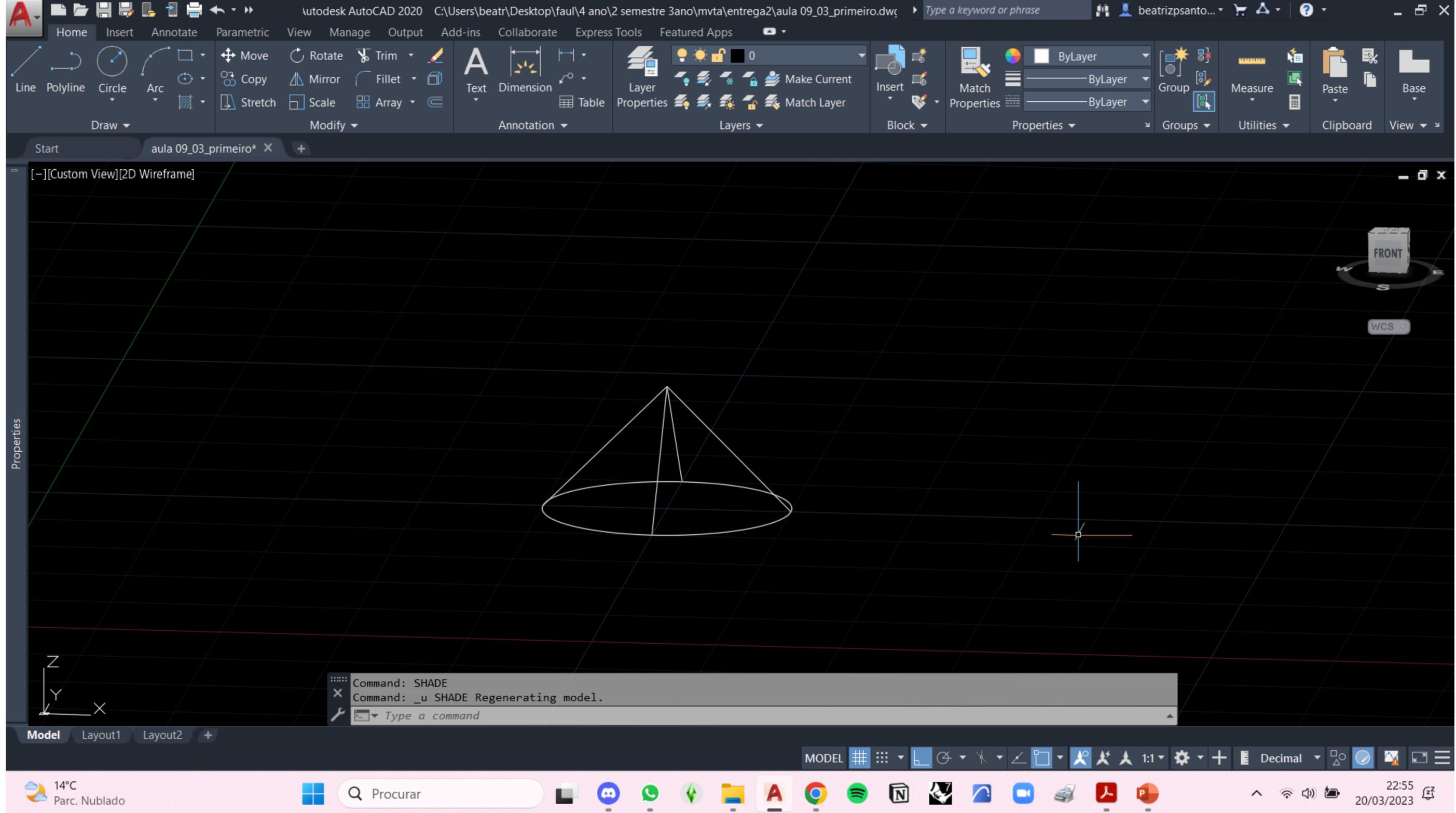
Exerc. 2.4 – dodecaedro



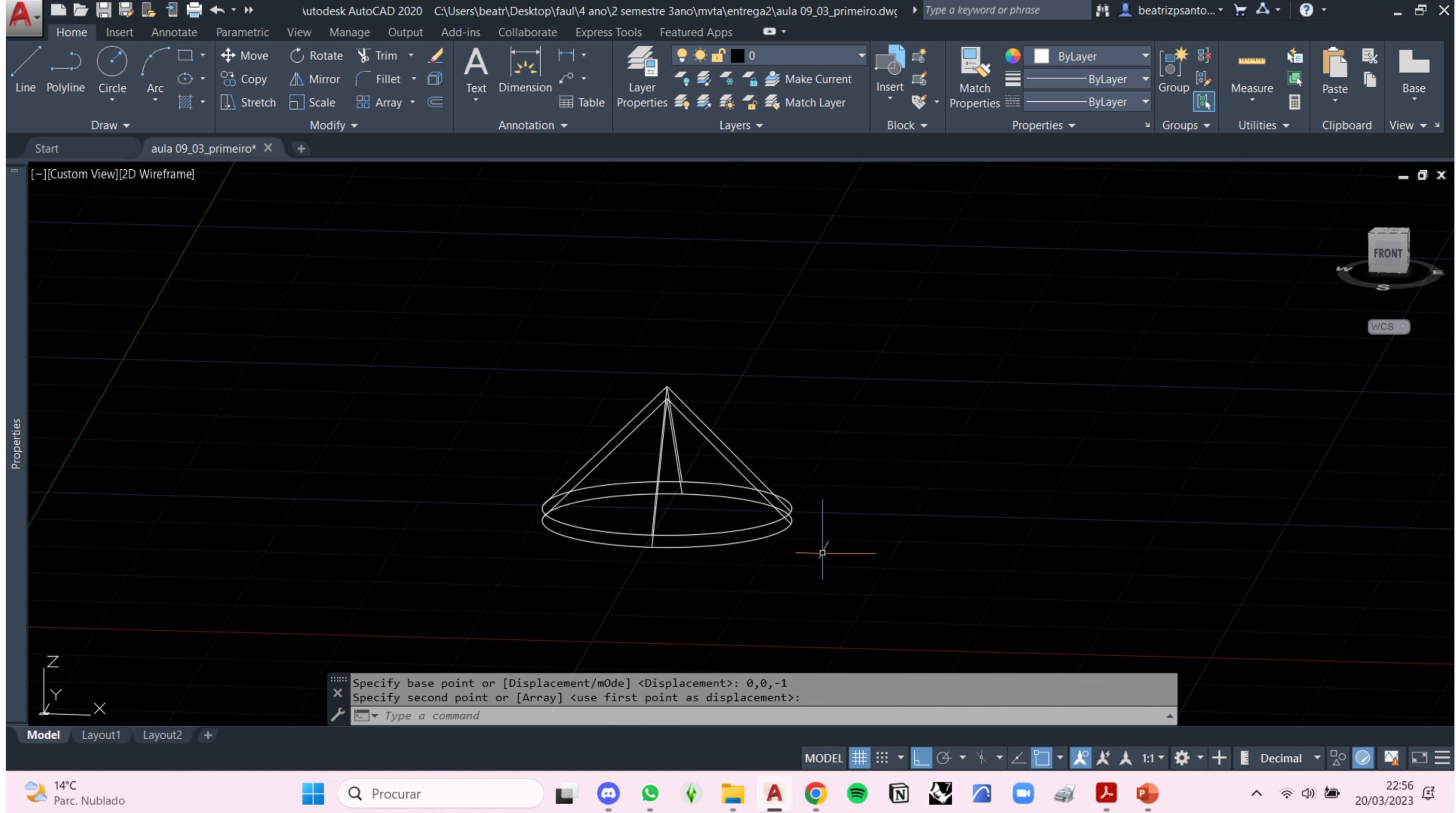
Exerc. 2.6 – dualidades



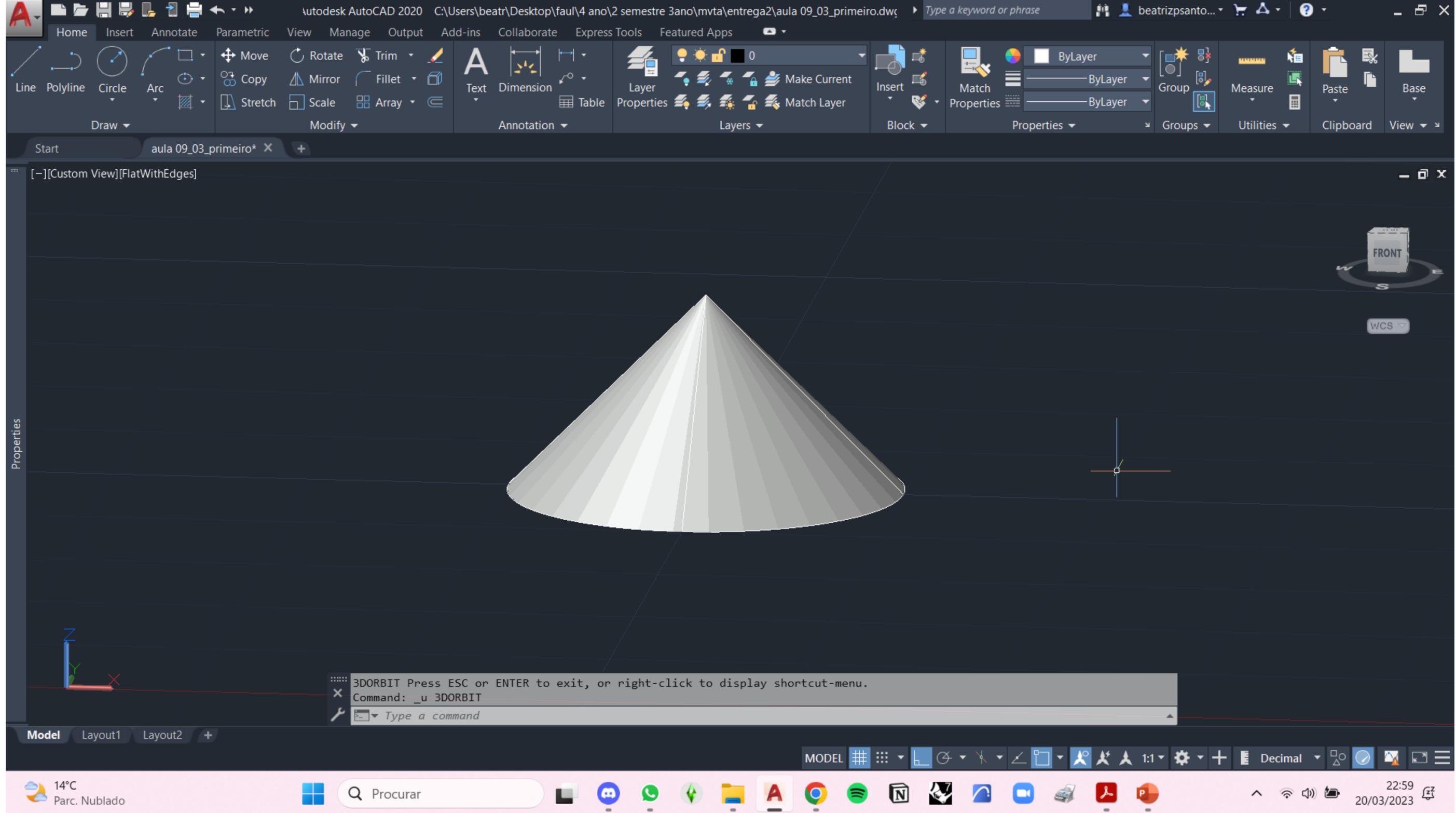
Exerc. 2.5 – icosaedro



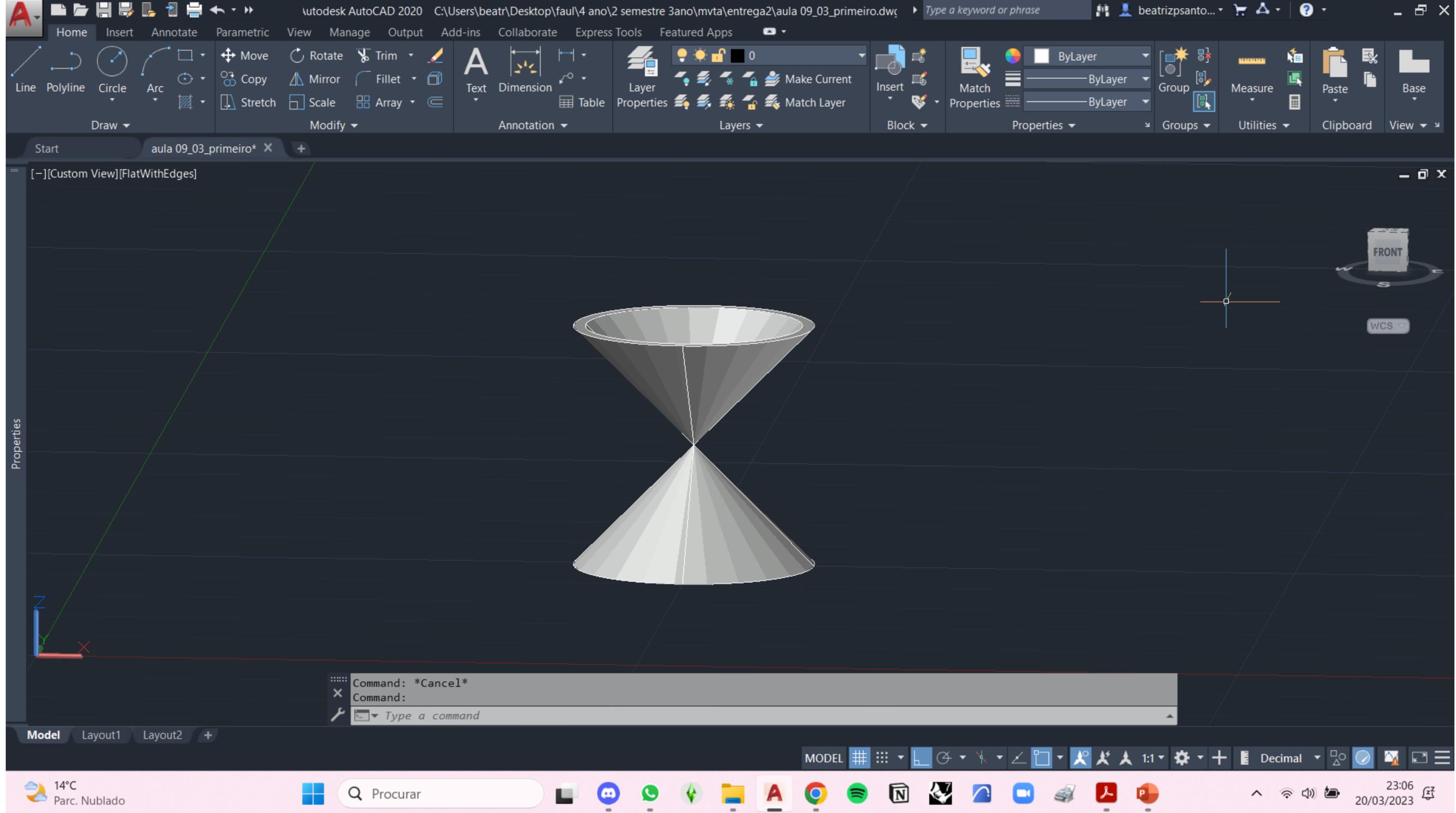
Exerc. 3 – cone: secção



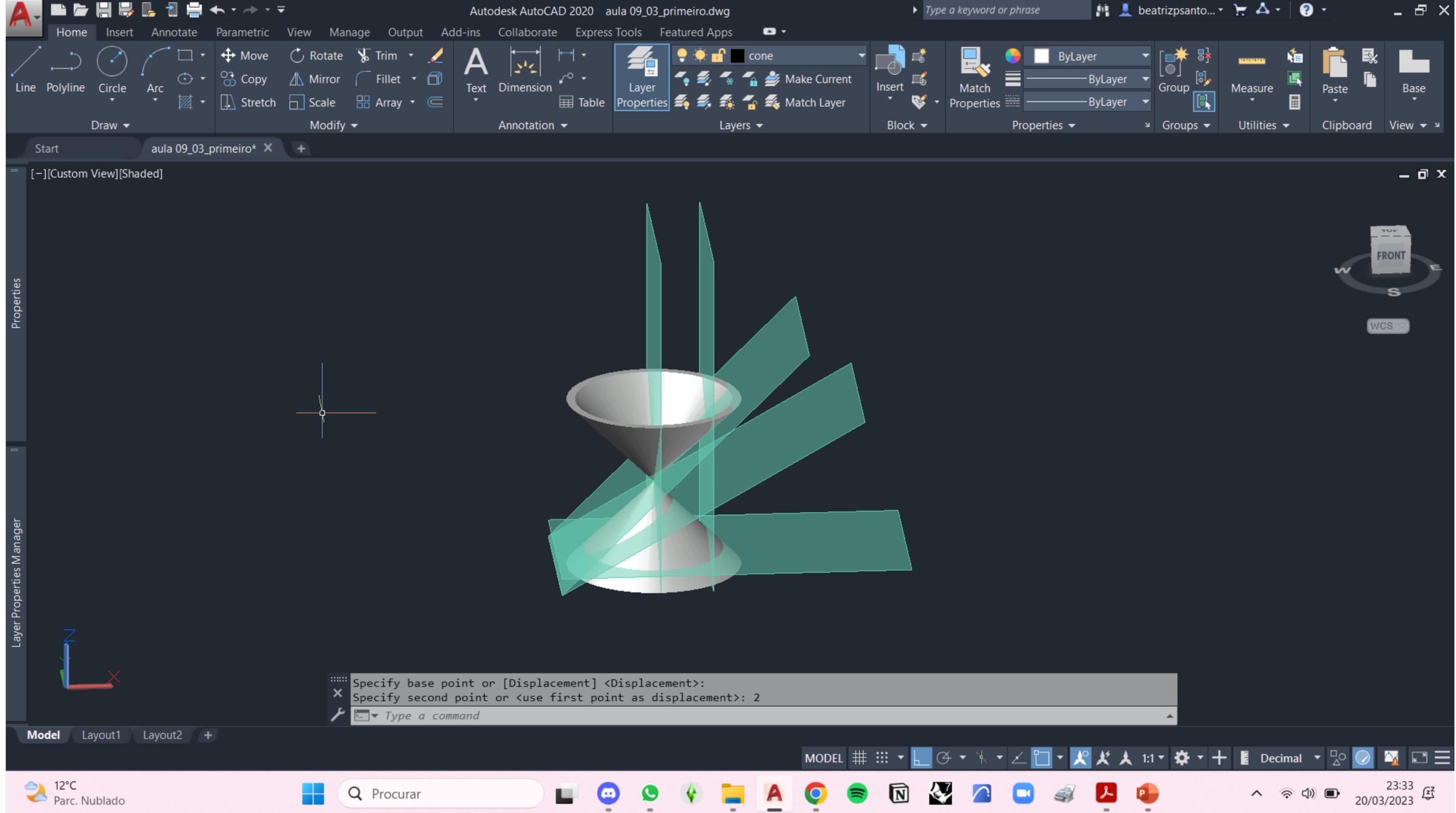
Exerc. 3 – cone: secção



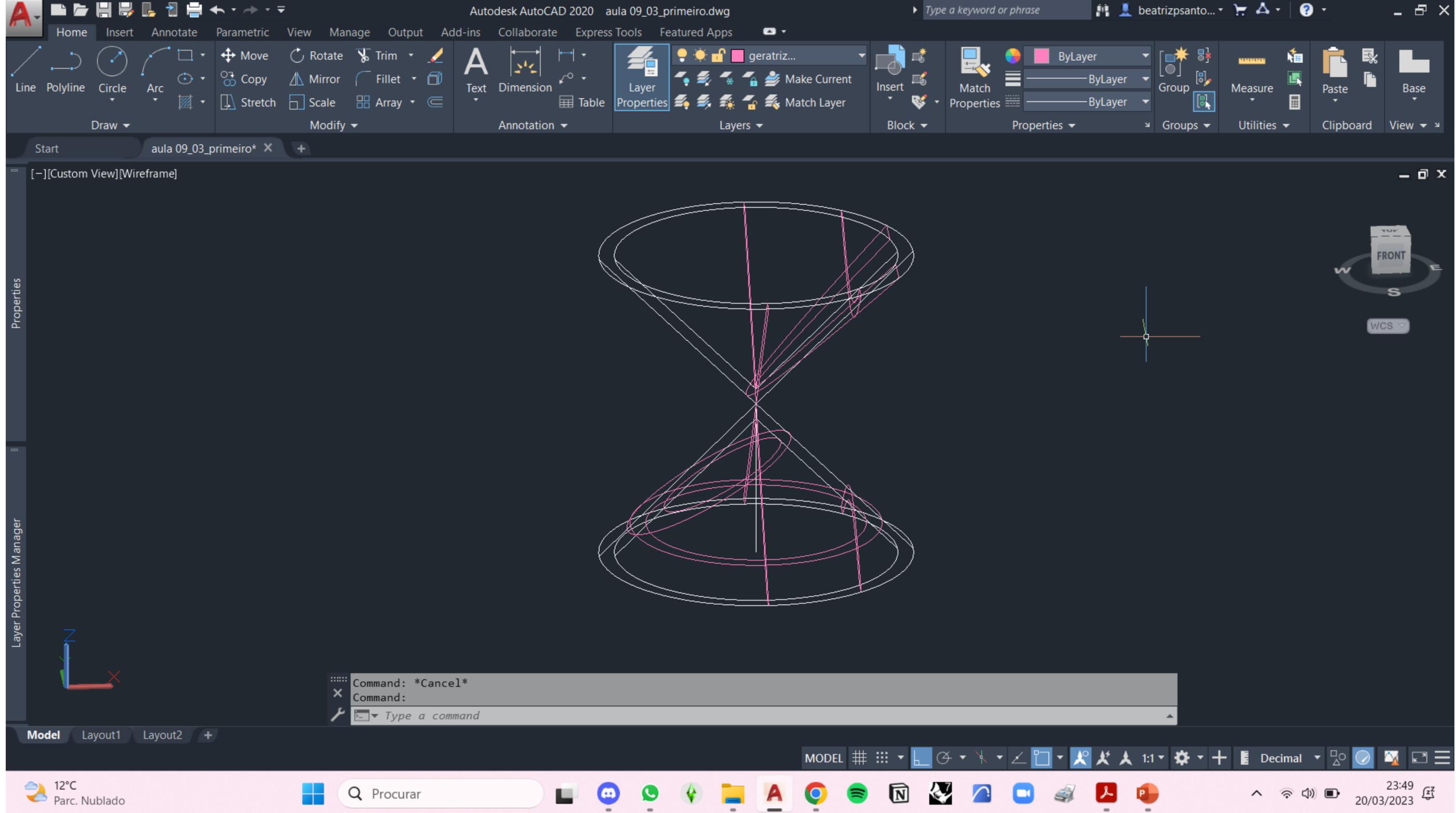
Exerc. 3 – cone: secção



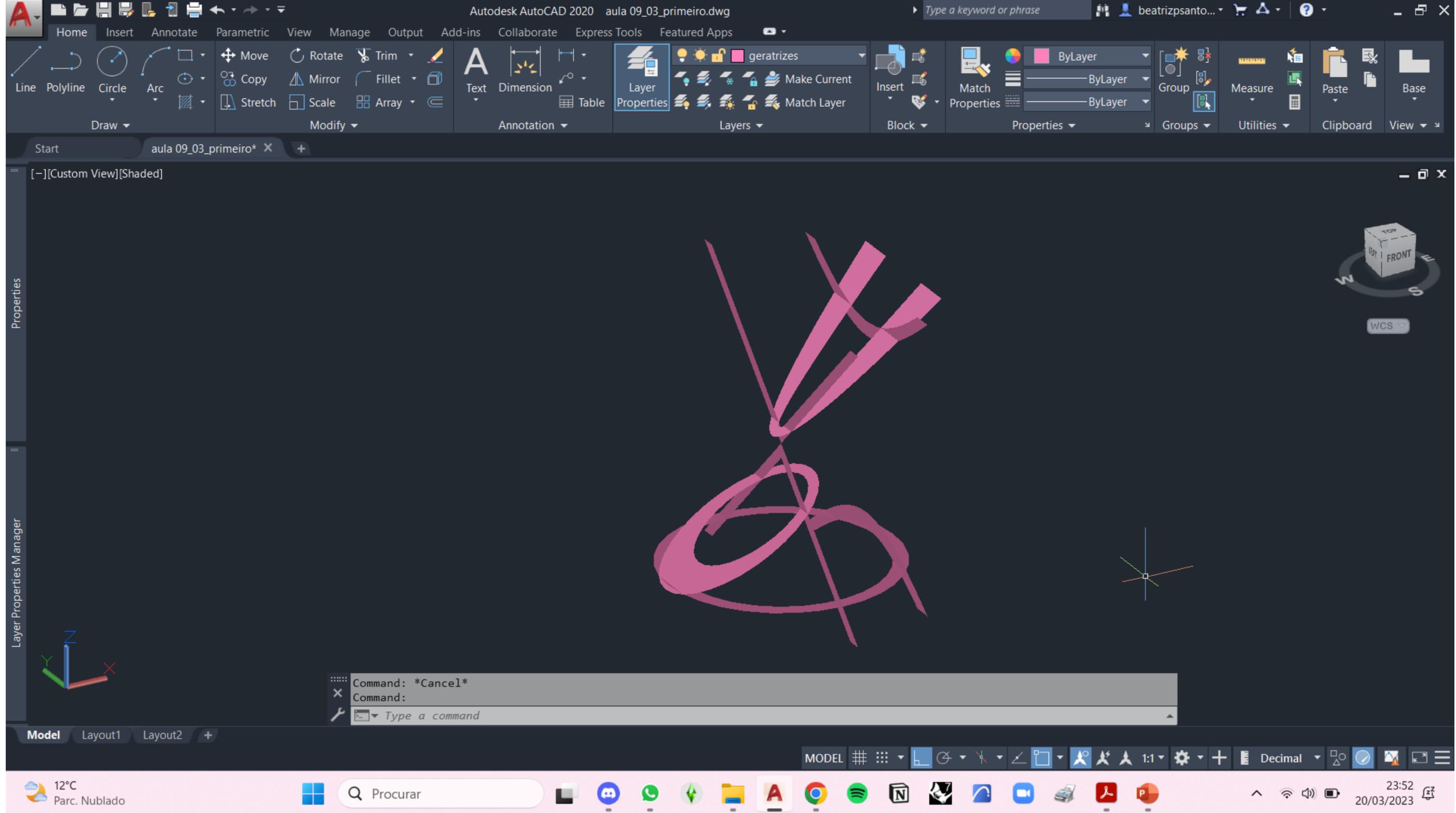
Exerc. 3 – cone: secção



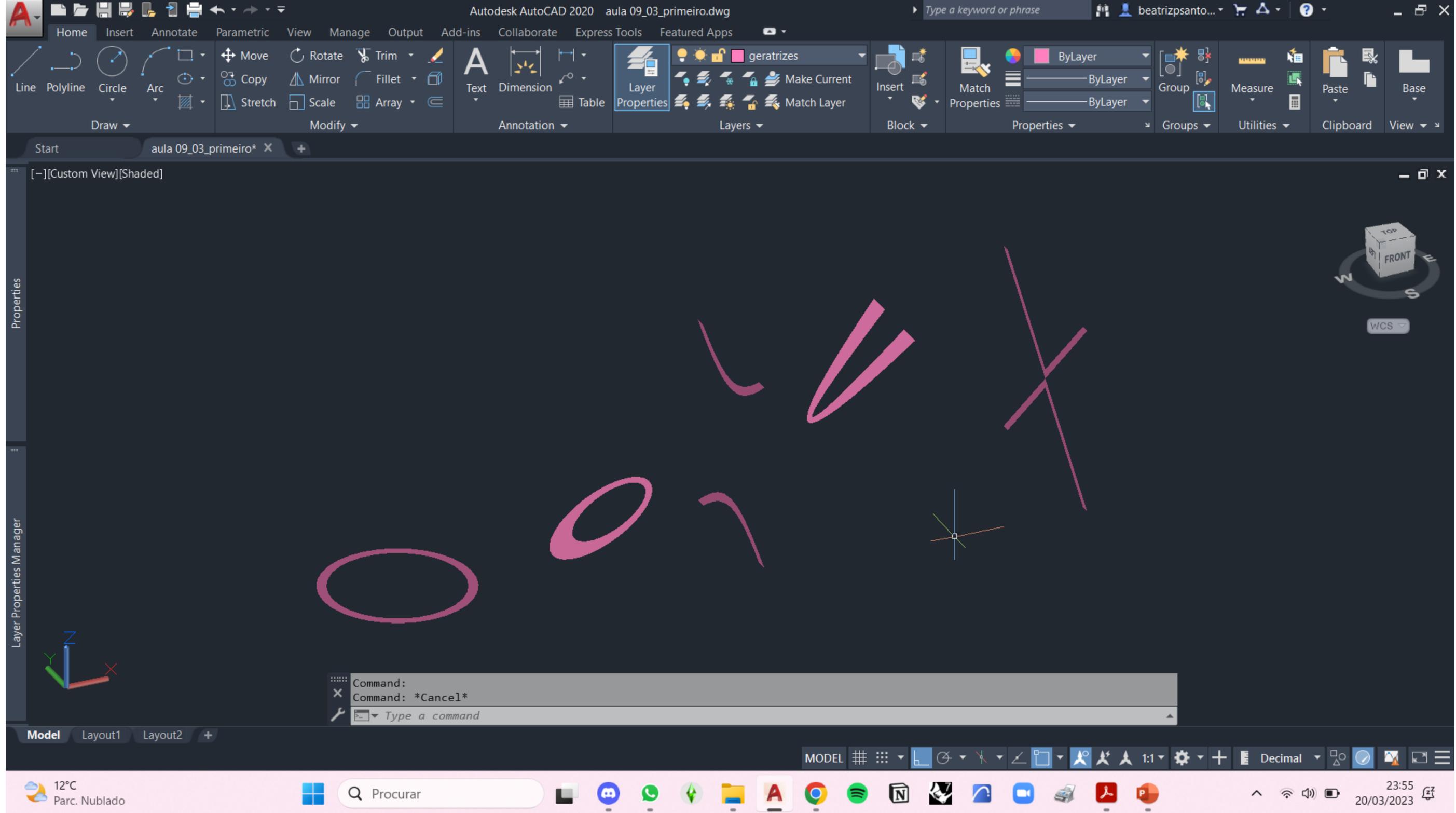
Exerc. 3 – cone: secção



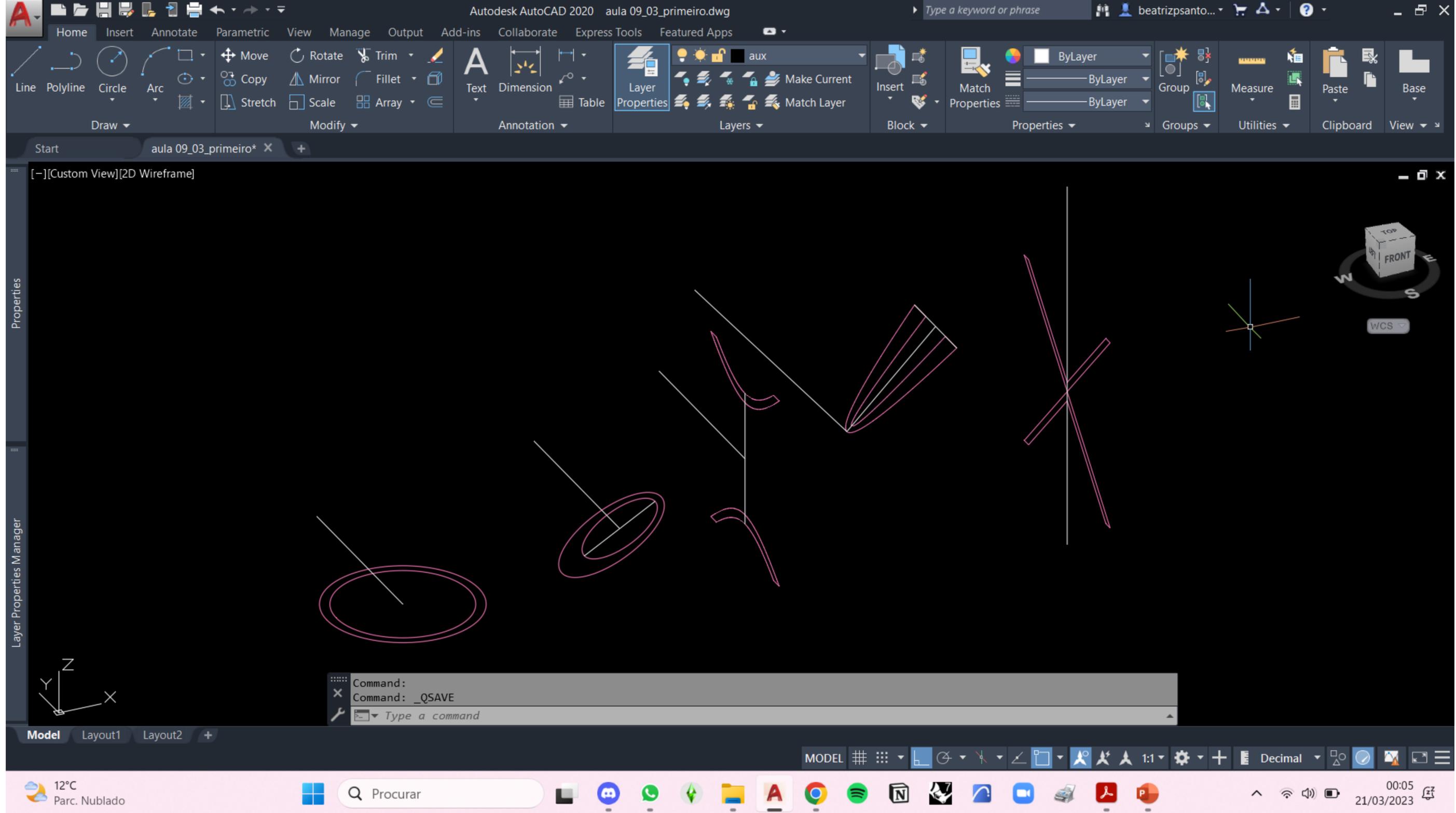
Exerc. 3 – cone: secção



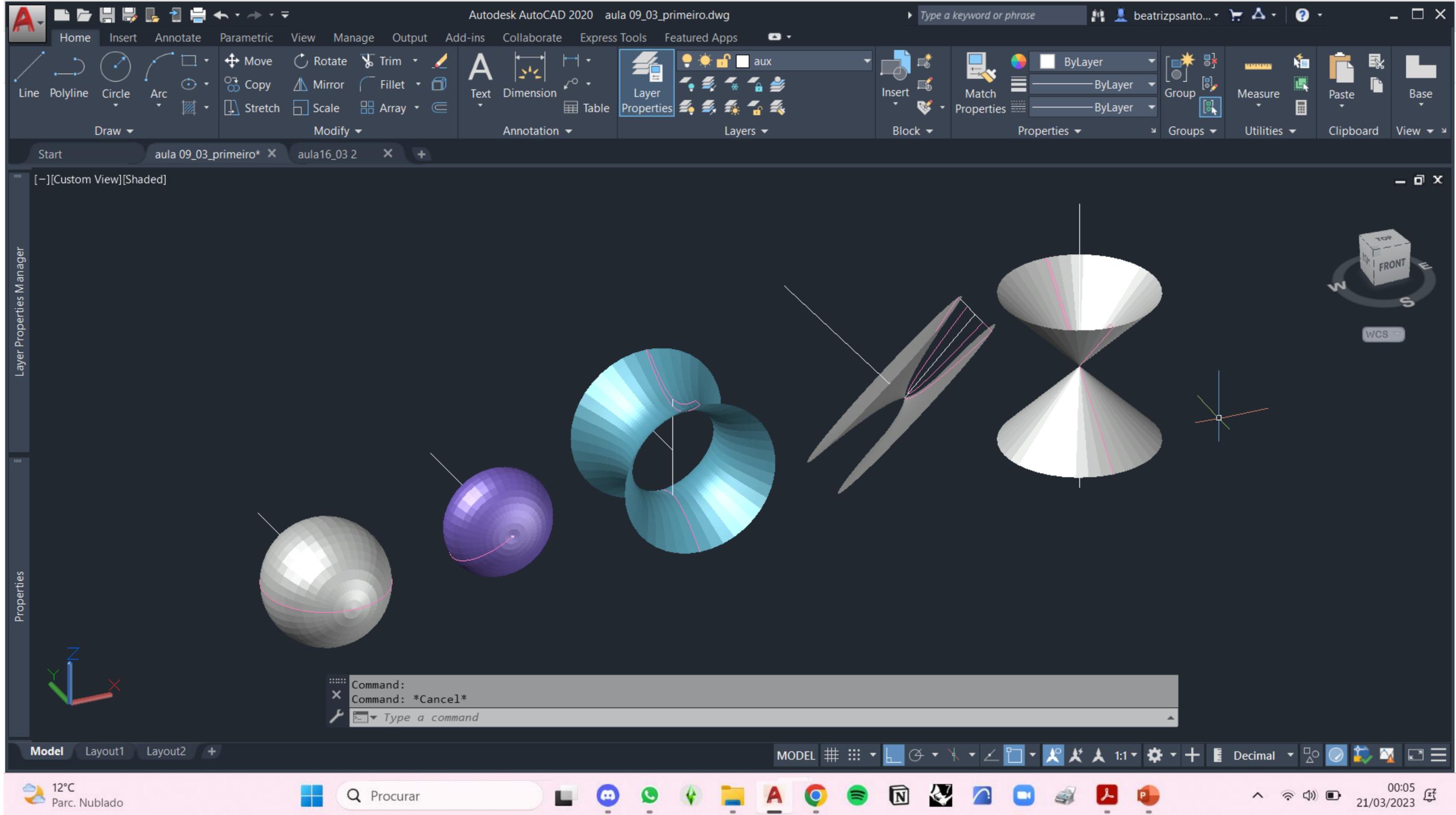
Exerc. 3 – cone: secção



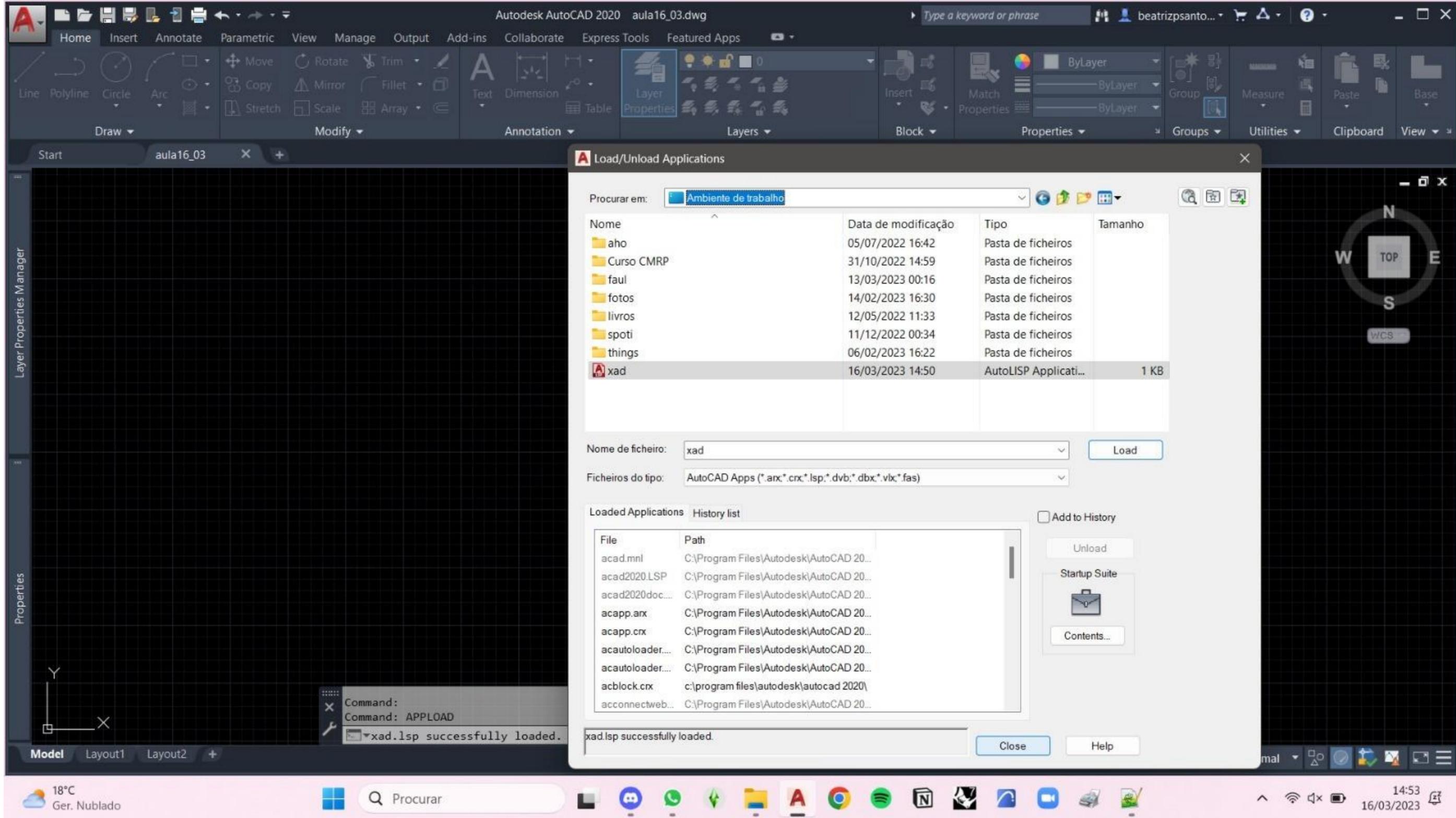
Exerc. 3 – cone: secção



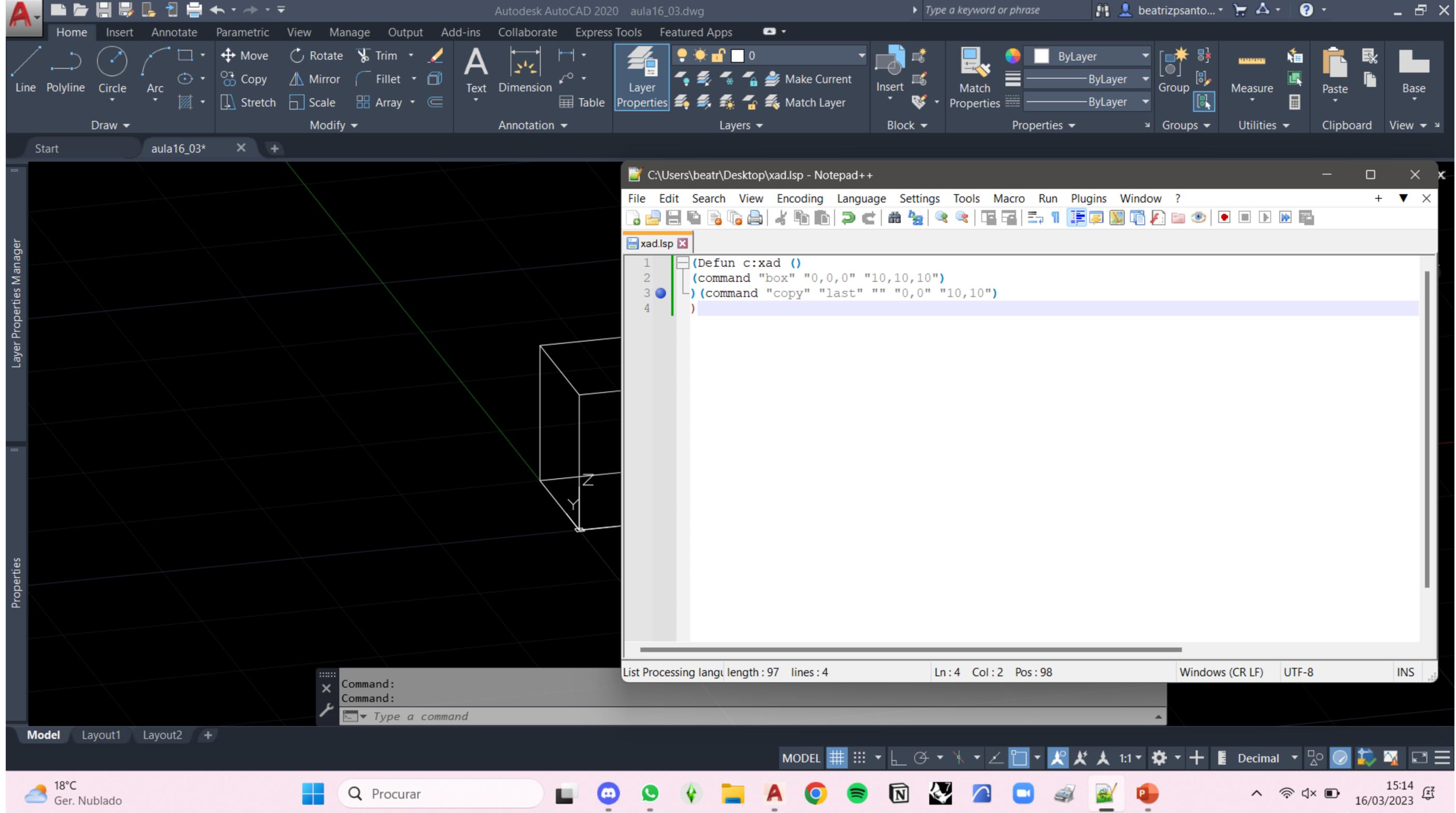
Exerc. 3.1 – superfícies de revolução



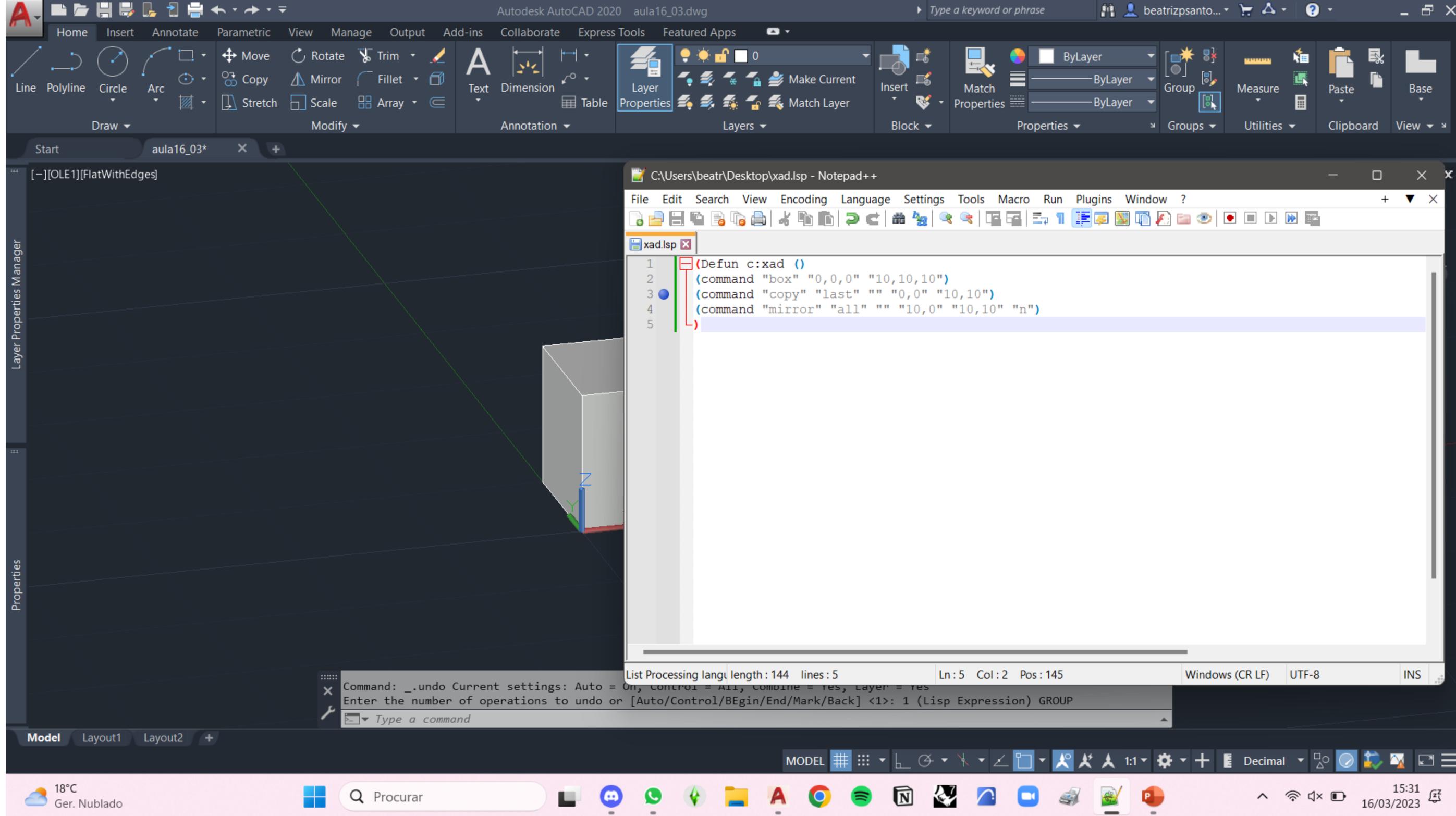
Exerc. 3.1 – superfícies de revolução



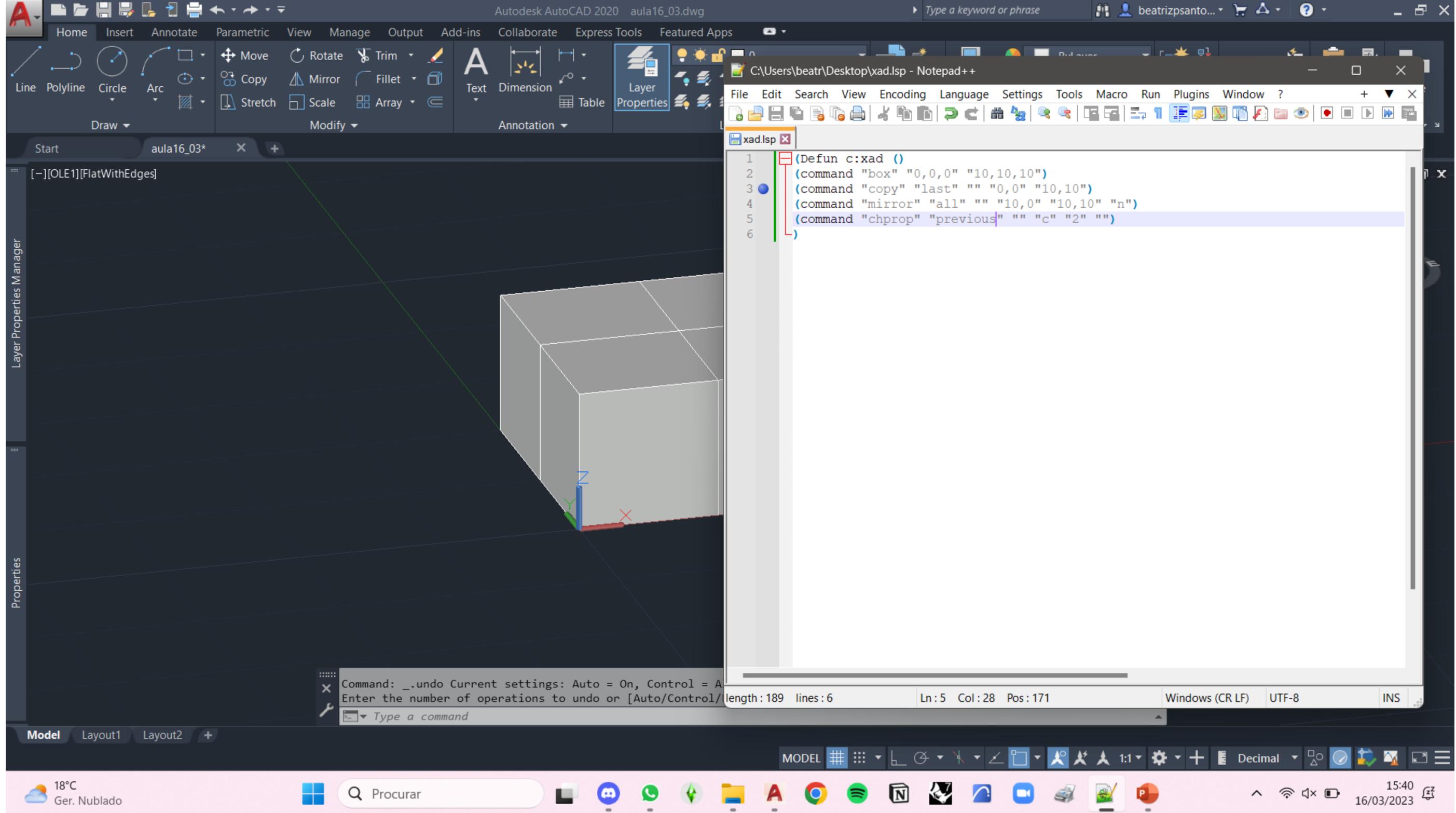
Exerc. 4 – Tabuleiro de Xadrez



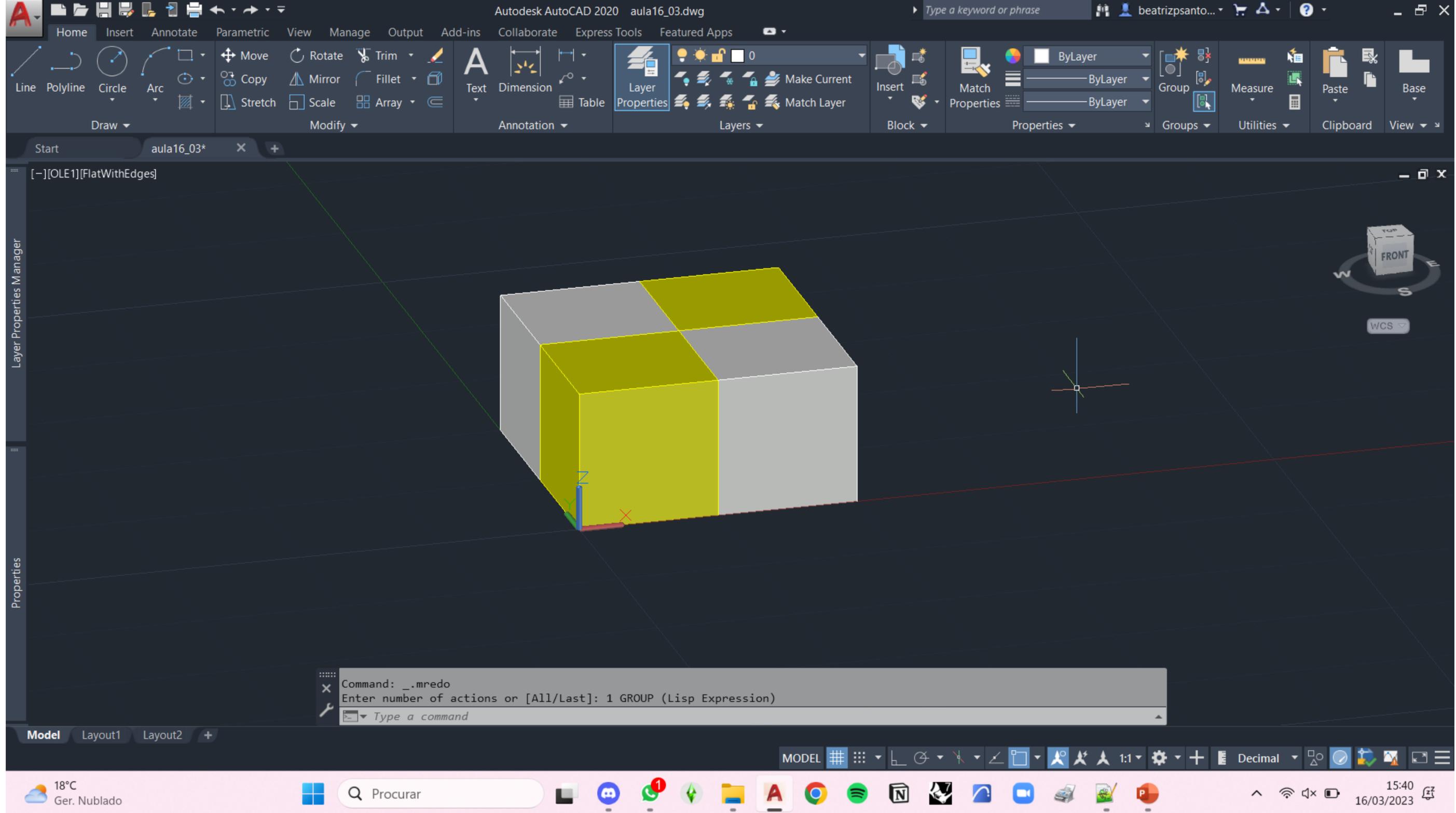
Exerc. 4 – Tabuleiro de Xadrez



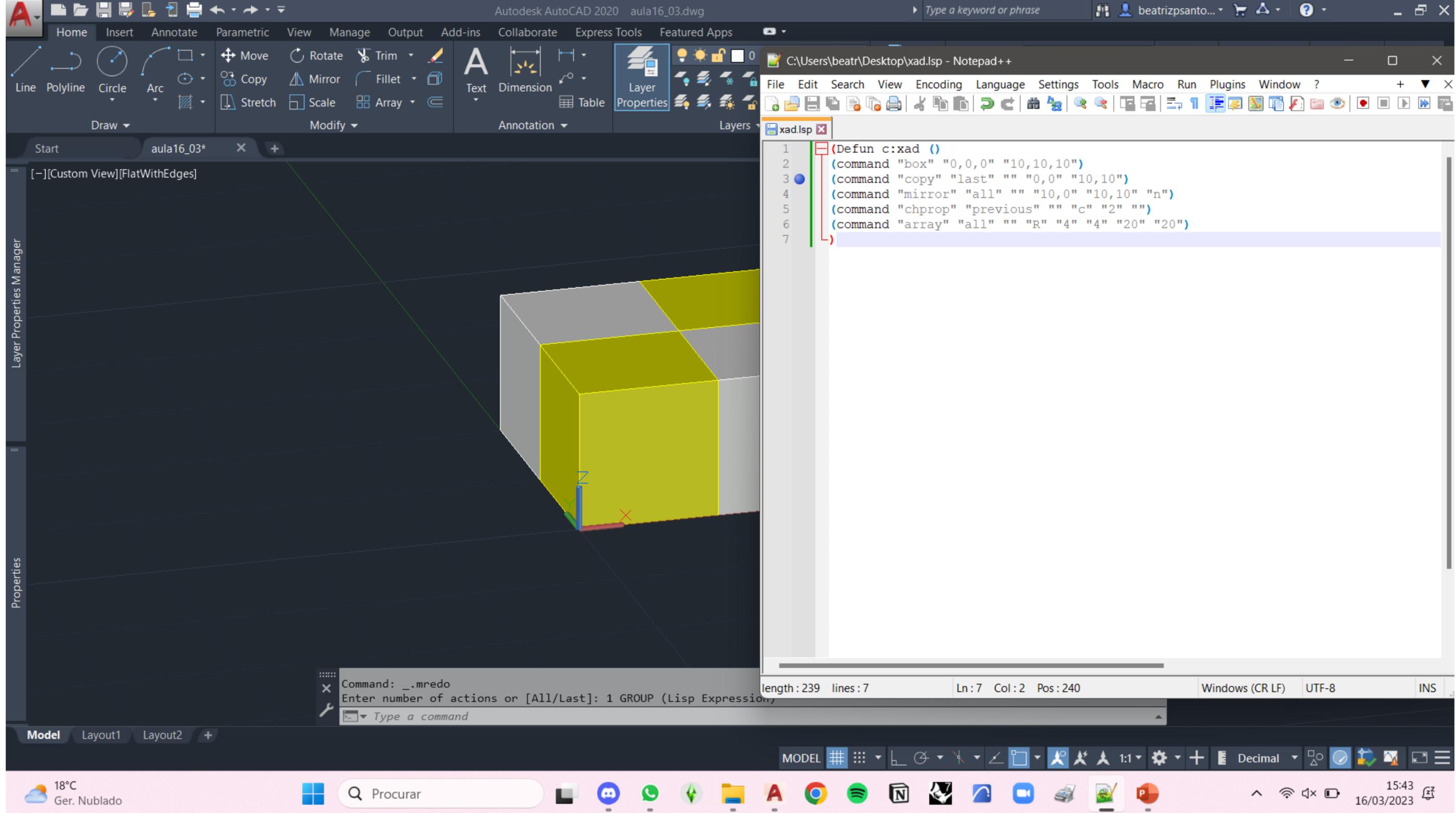
Exerc. 4 – Tabuleiro de Xadrez



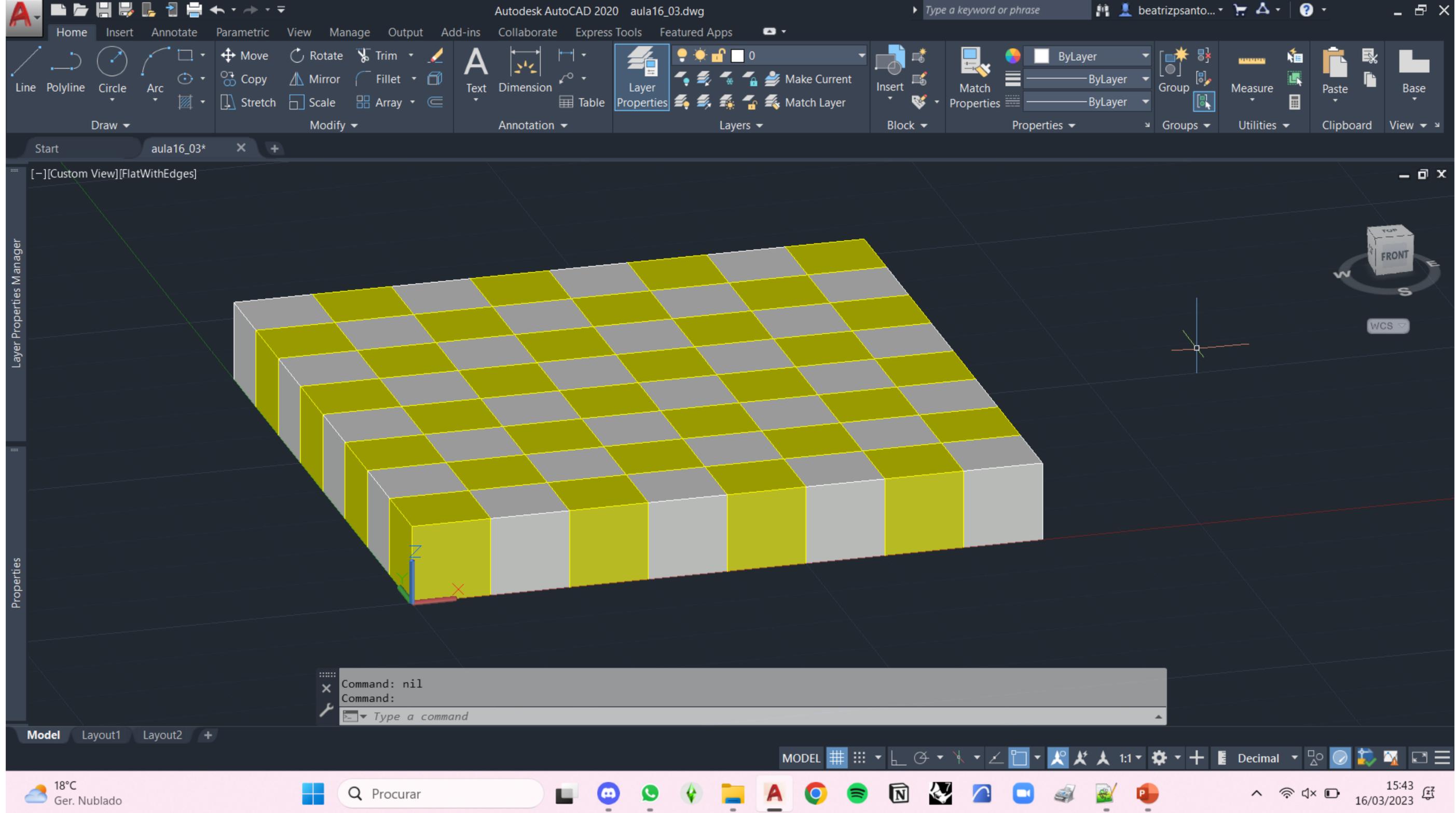
Exerc. 4 – Tabuleiro de Xadrez



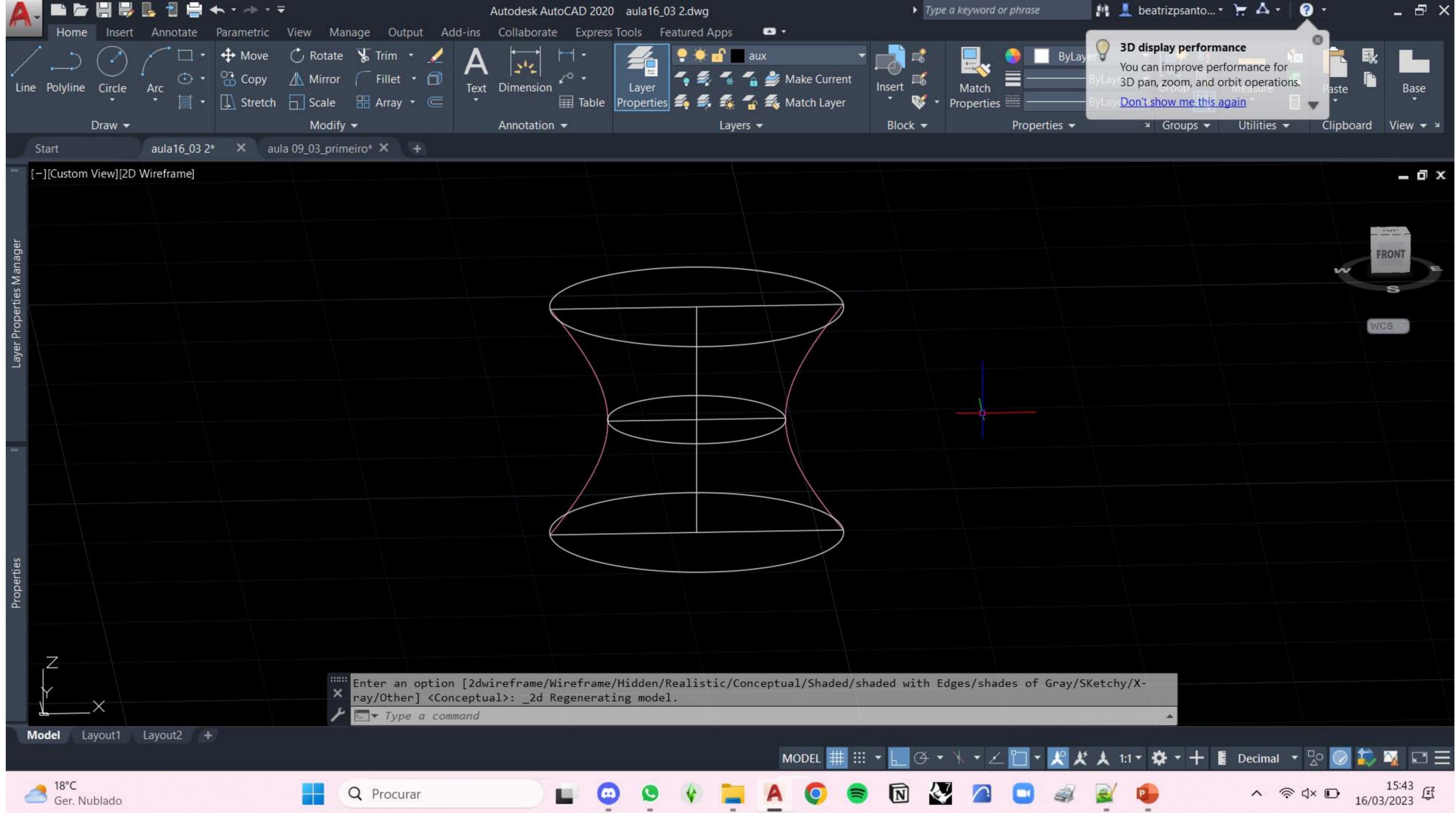
Exerc. 4 – Tabuleiro de Xadrez



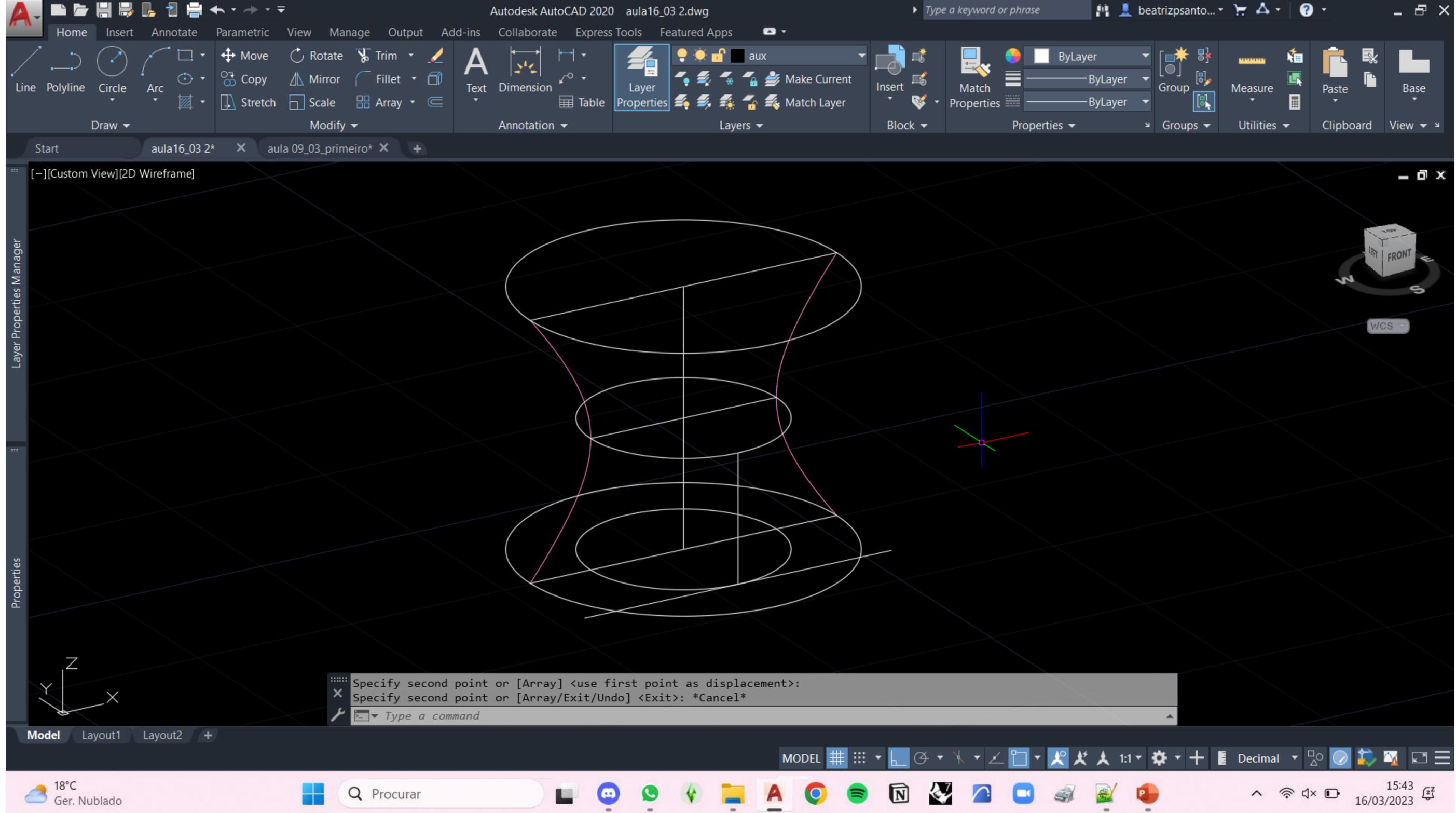
Exerc. 4 – Tabuleiro de Xadrez



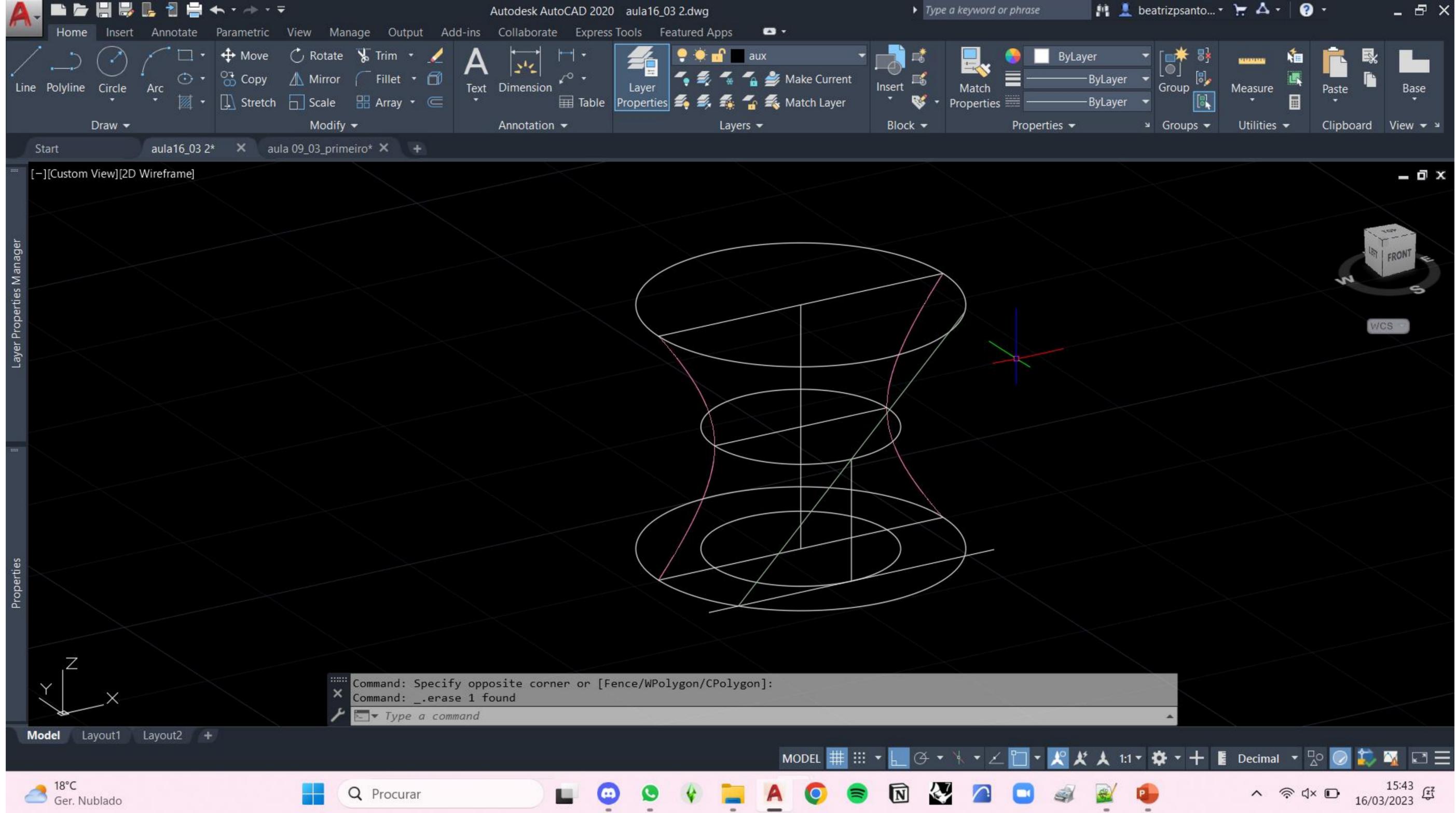
Exerc. 4 – Tabuleiro de Xadrez



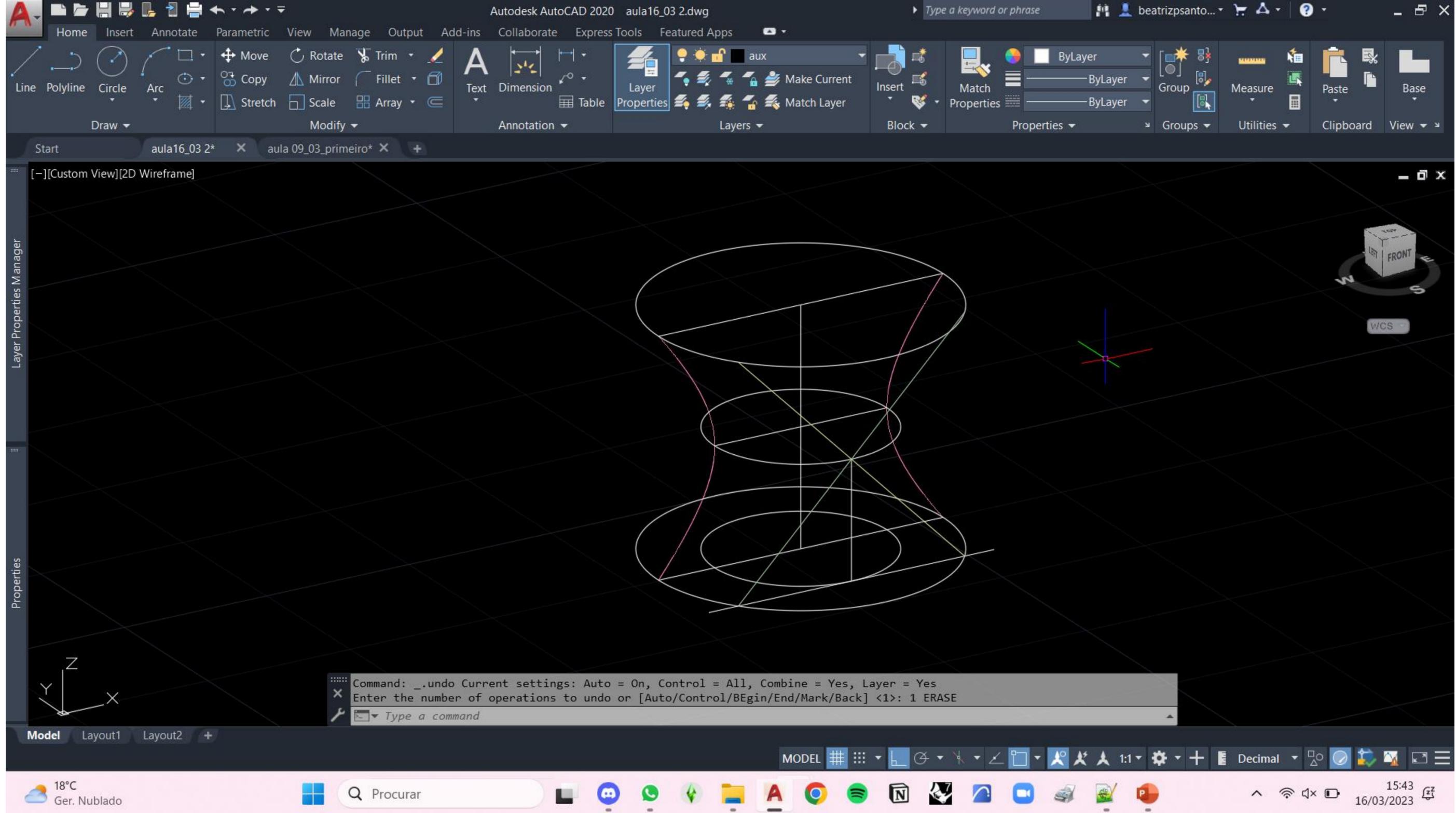
Exerc. 5.1 – Parabolóide Hiperbólico



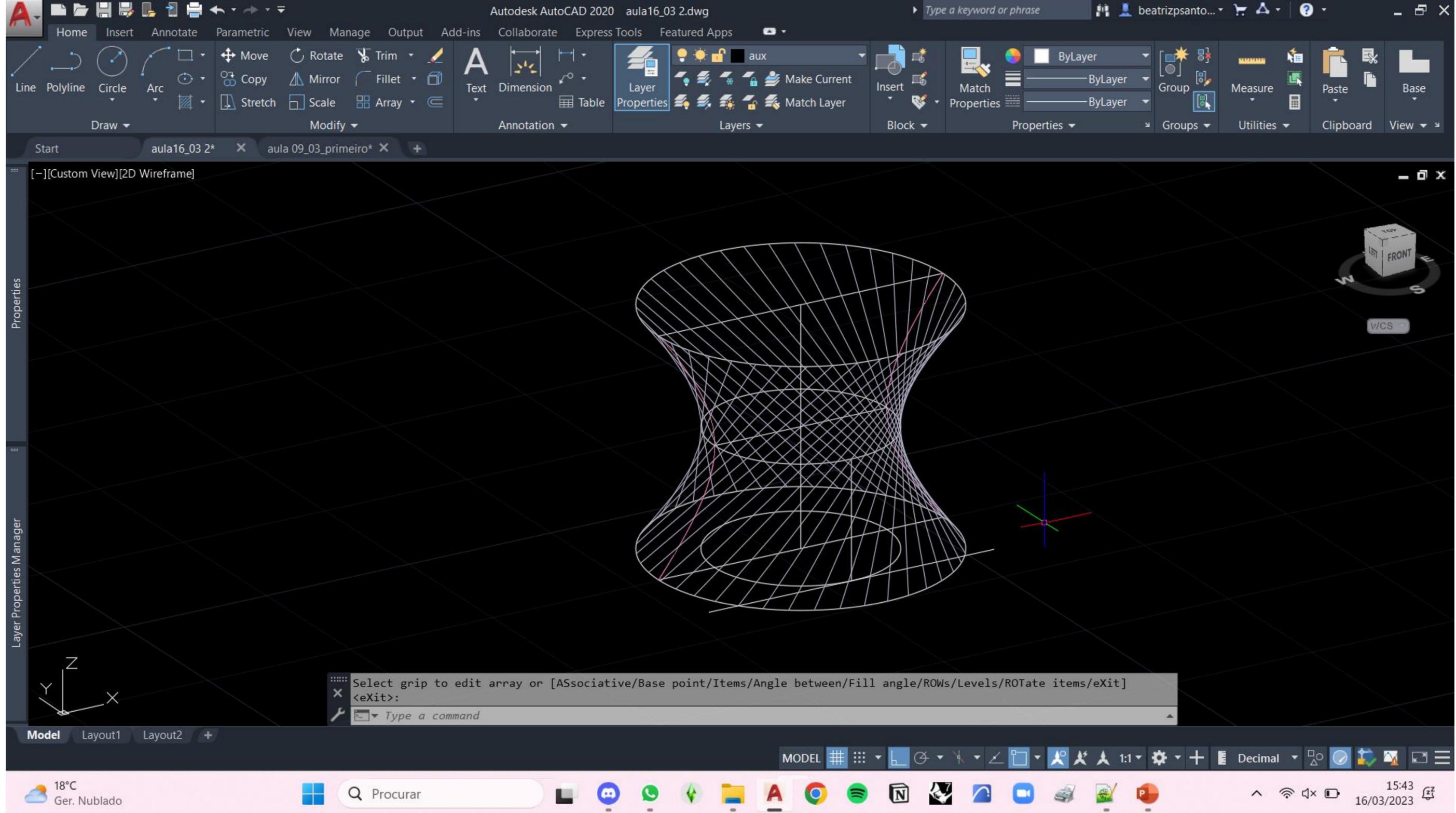
Exerc. 5.1 – Parabolóide Hiperbólico



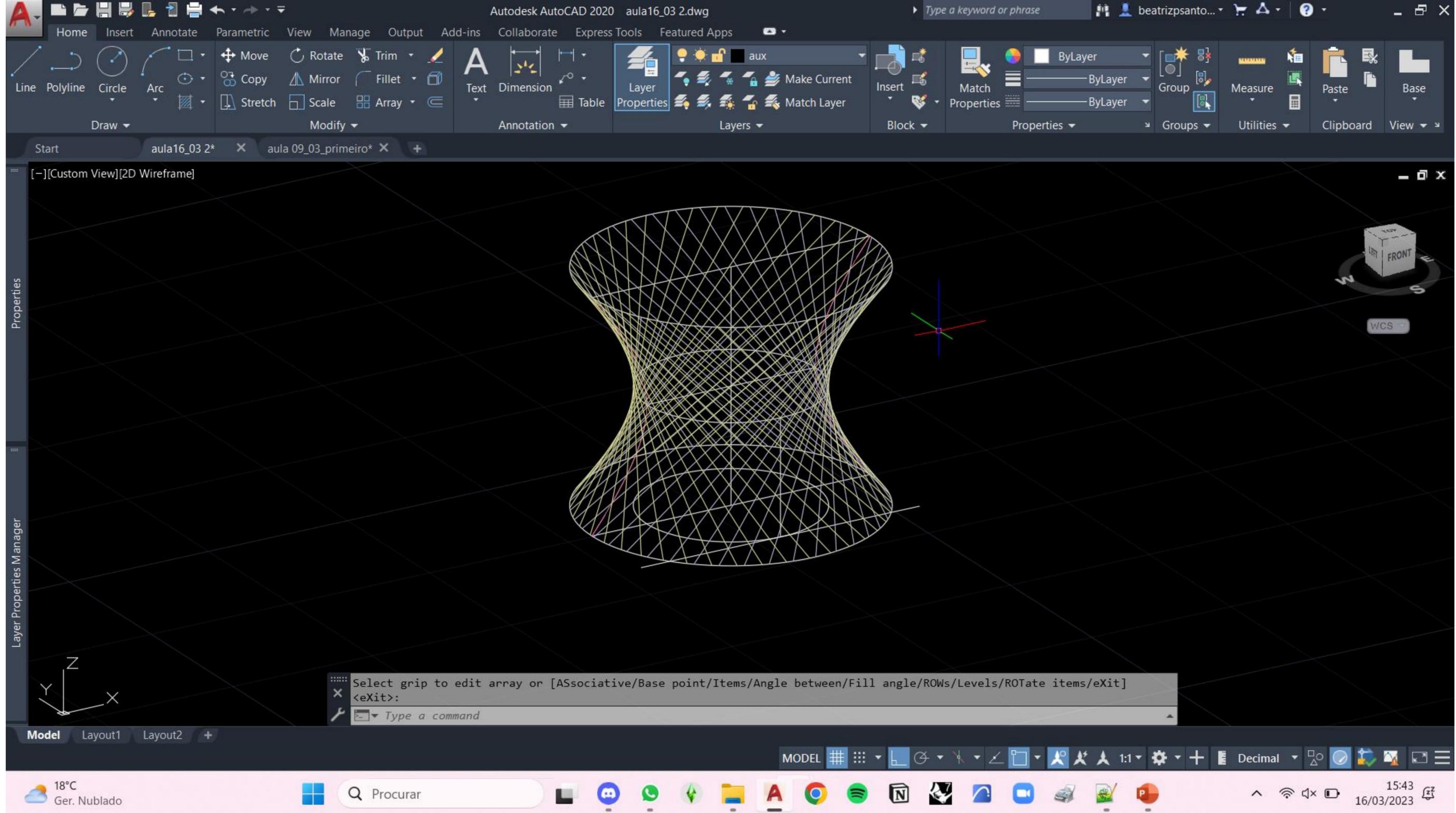
Exerc. 5.1 – Parabolóide Hiperbólico



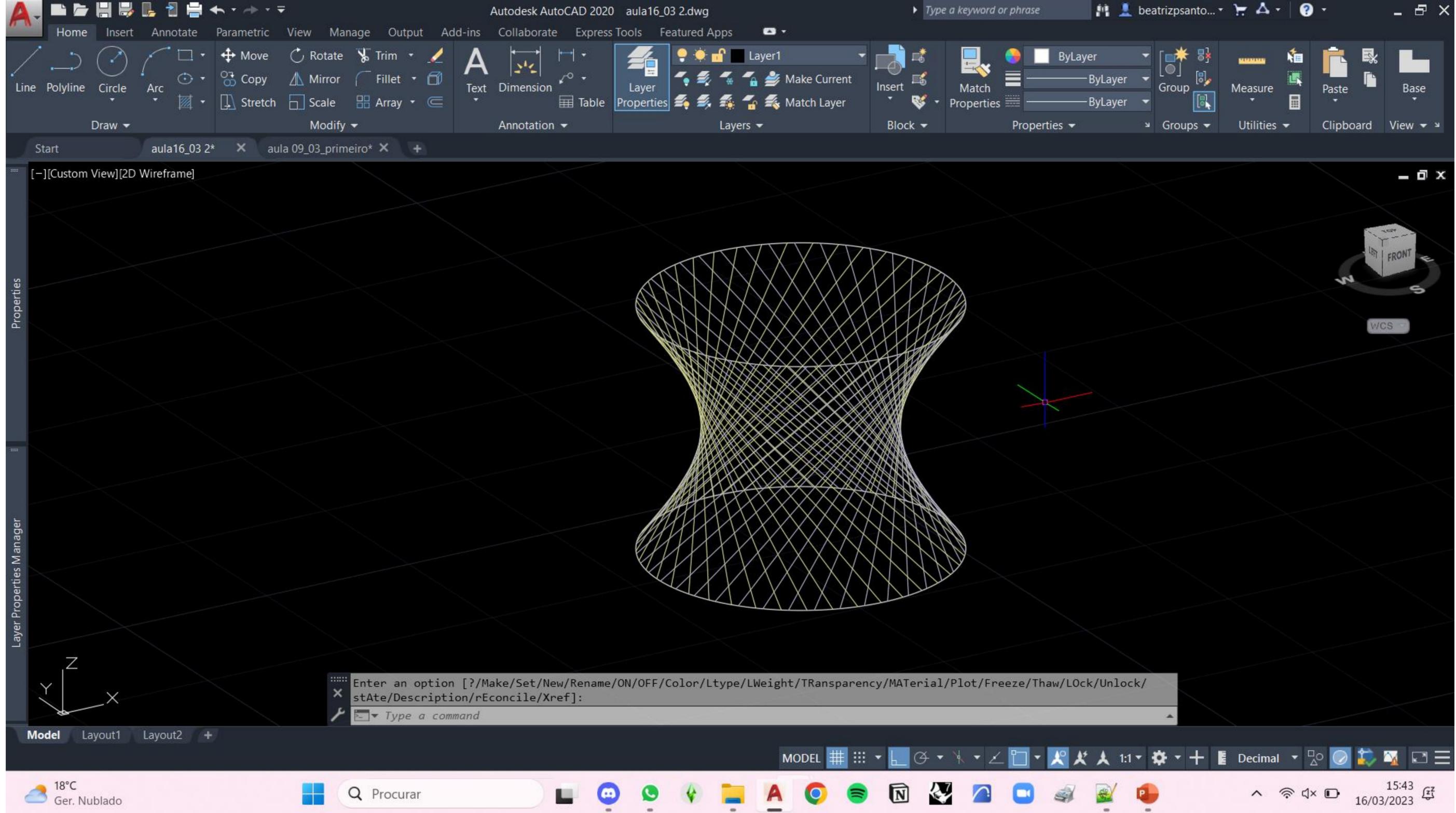
Exerc. 5.1 – Parabolóide Hiperbólico



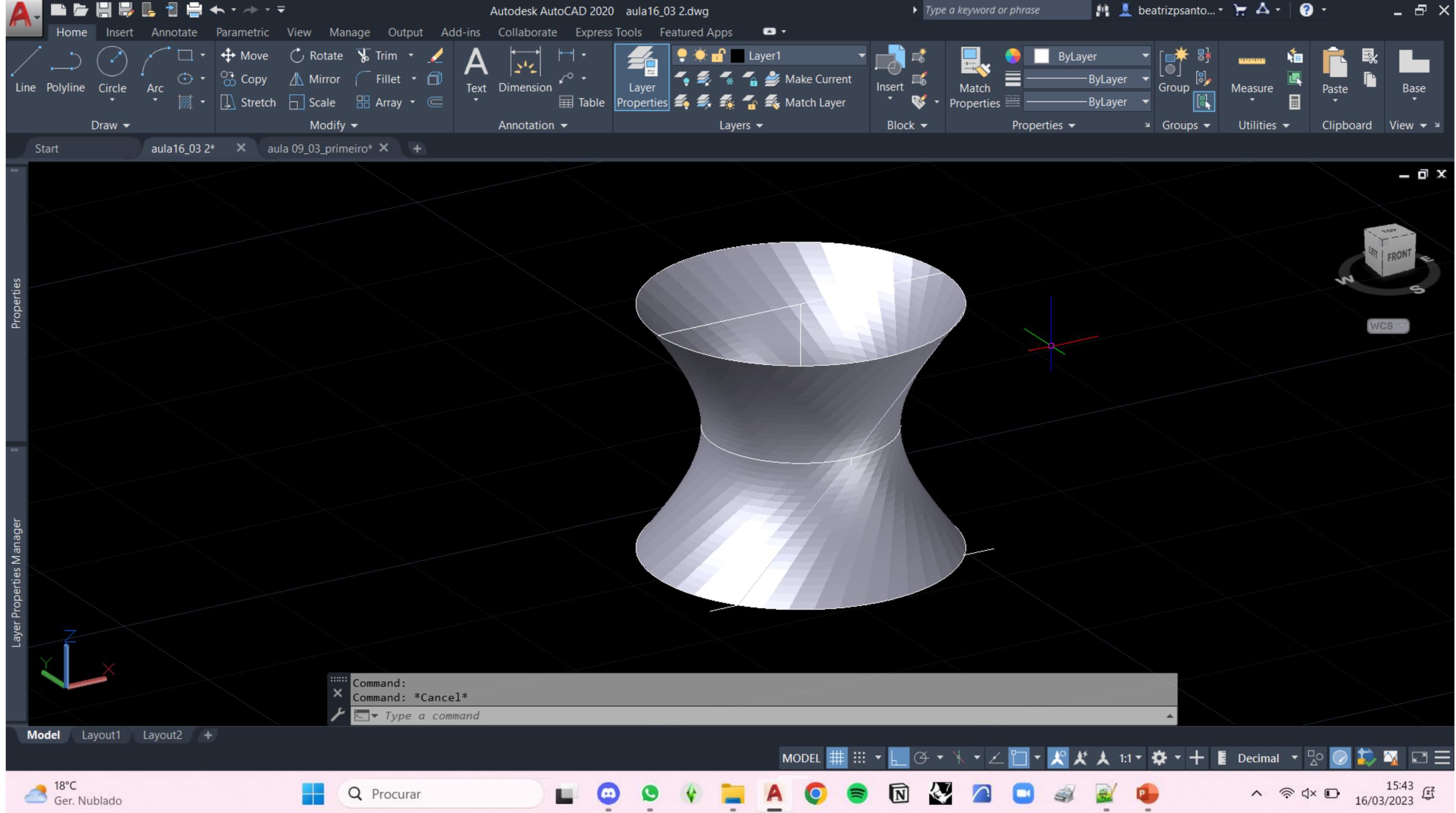
Exerc. 5.1 – Parabolóide Hiperbólico



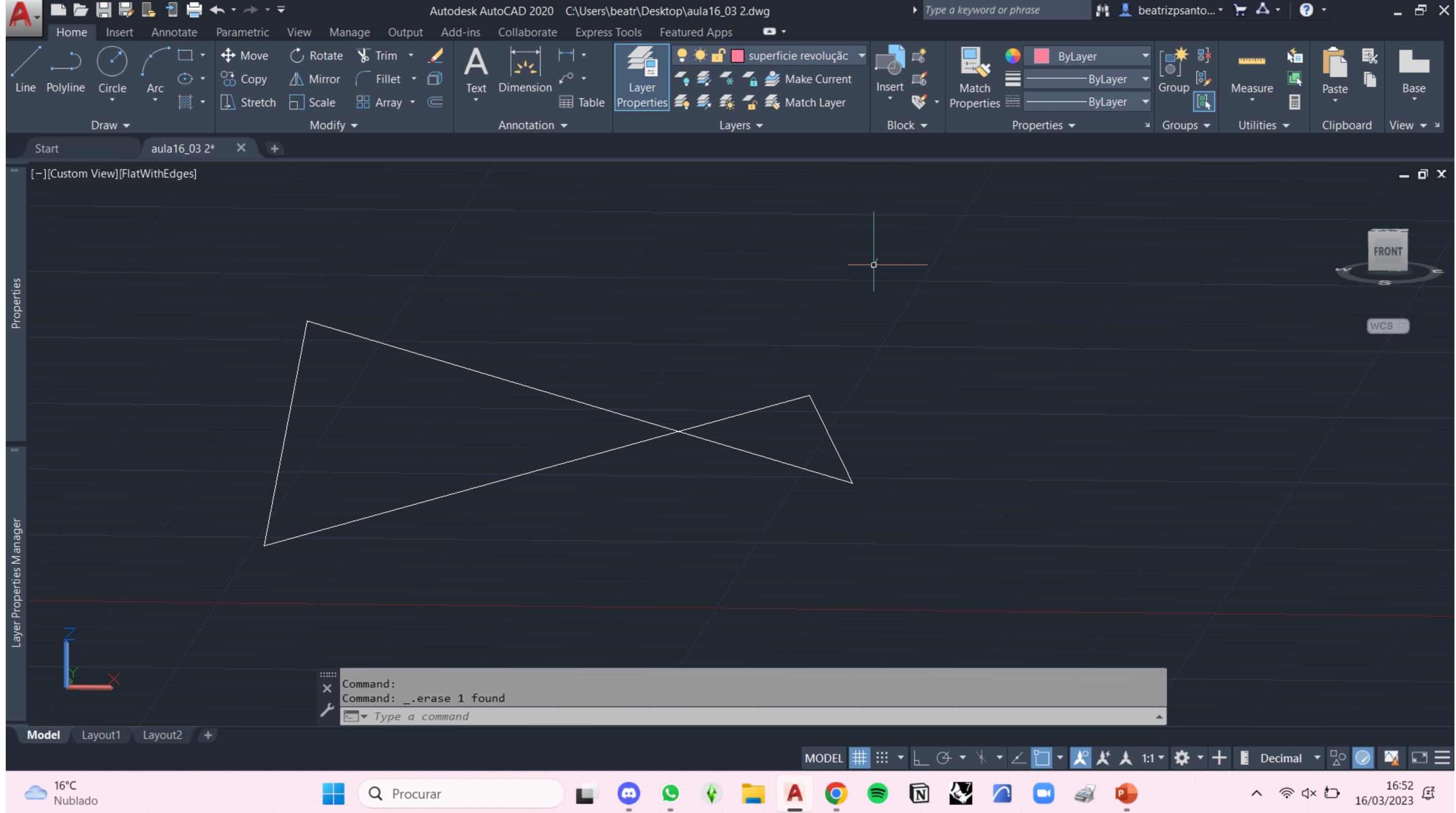
Exerc. 5.1 – Parabolóide Hiperbólico



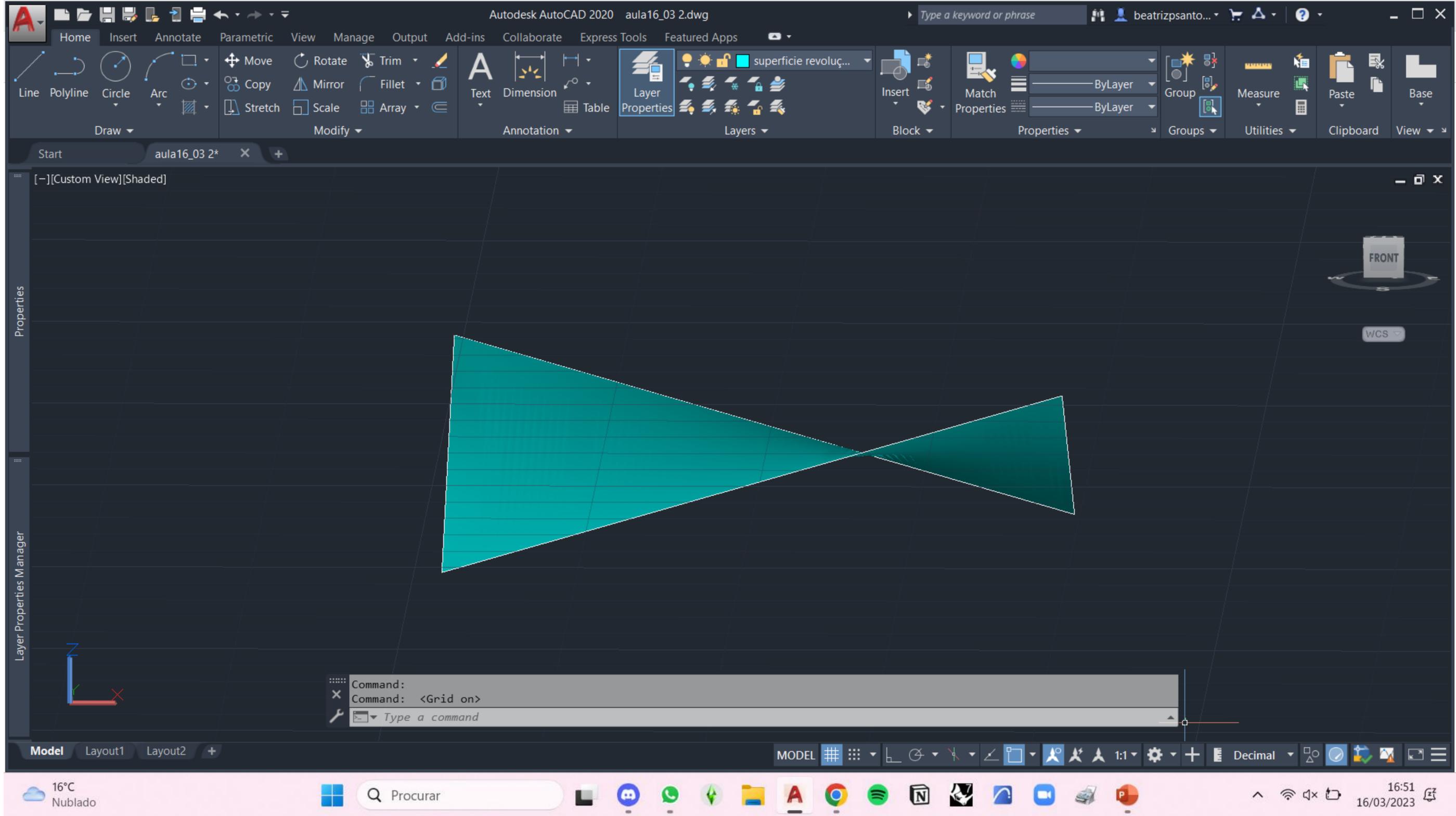
Exerc. 5.1 – Parabolóide Hiperbólico



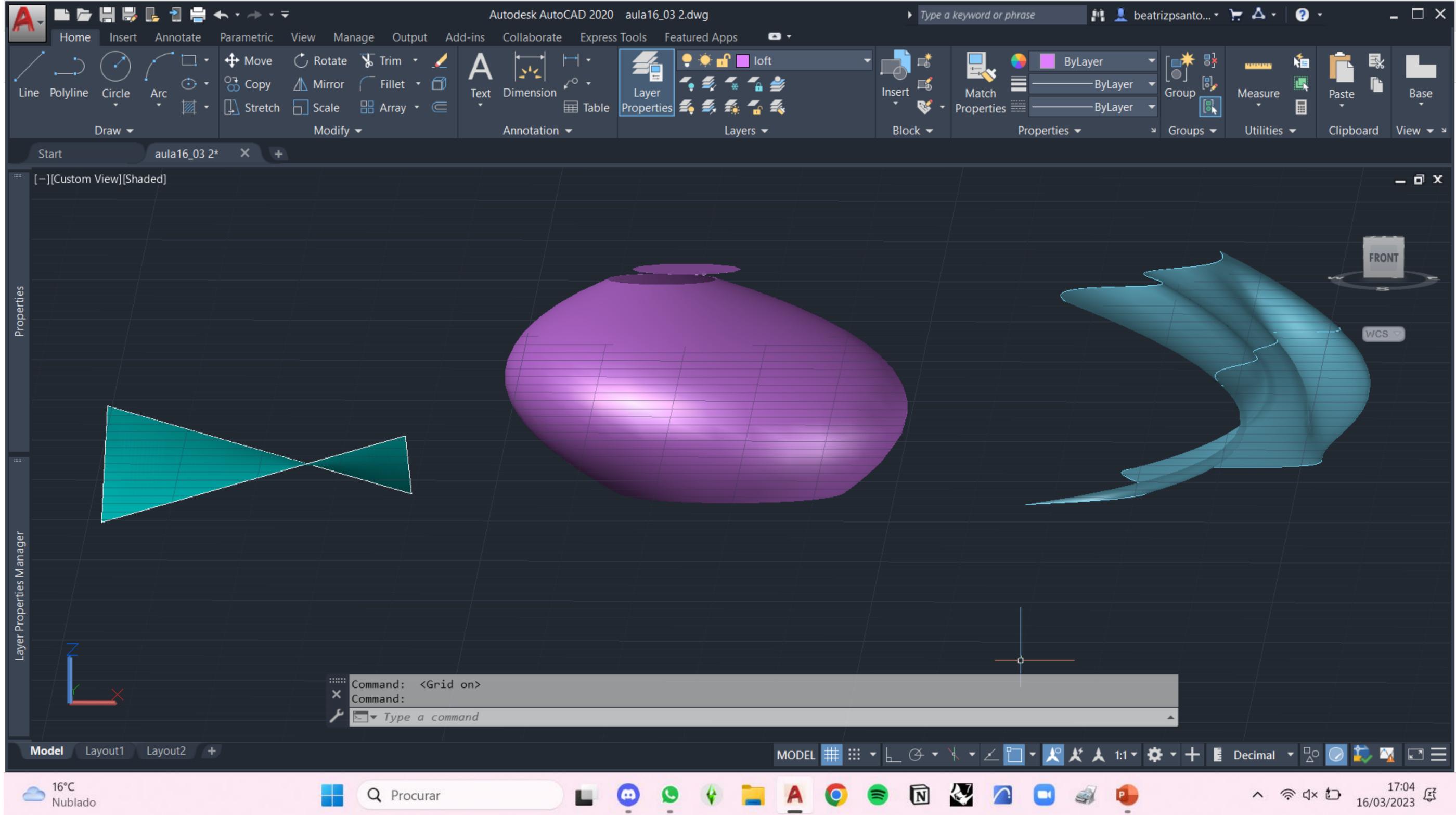
Exerc. 5.1 – Parabolóide Hiperbólico



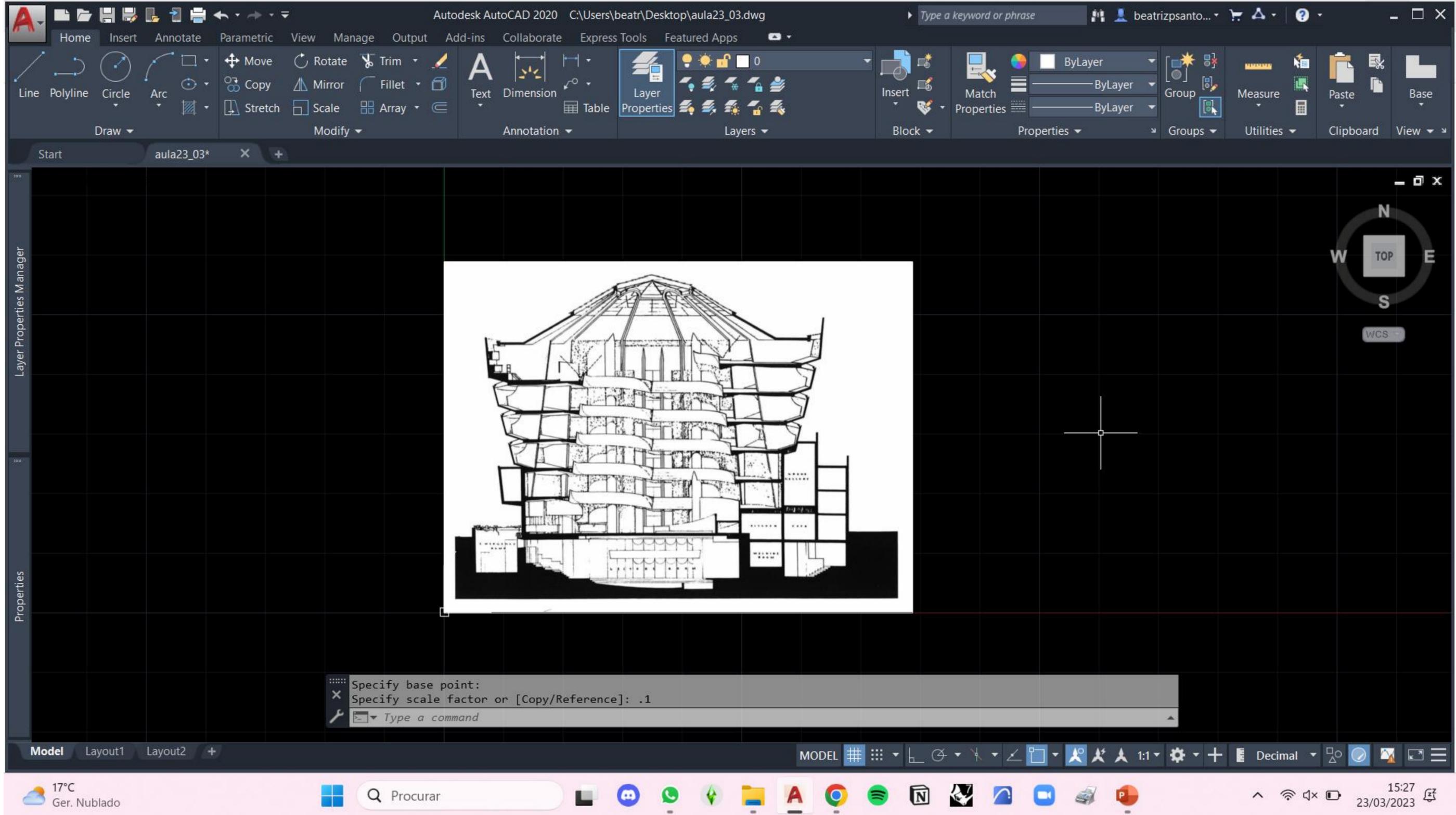
Exerc. 5.2 – Loft



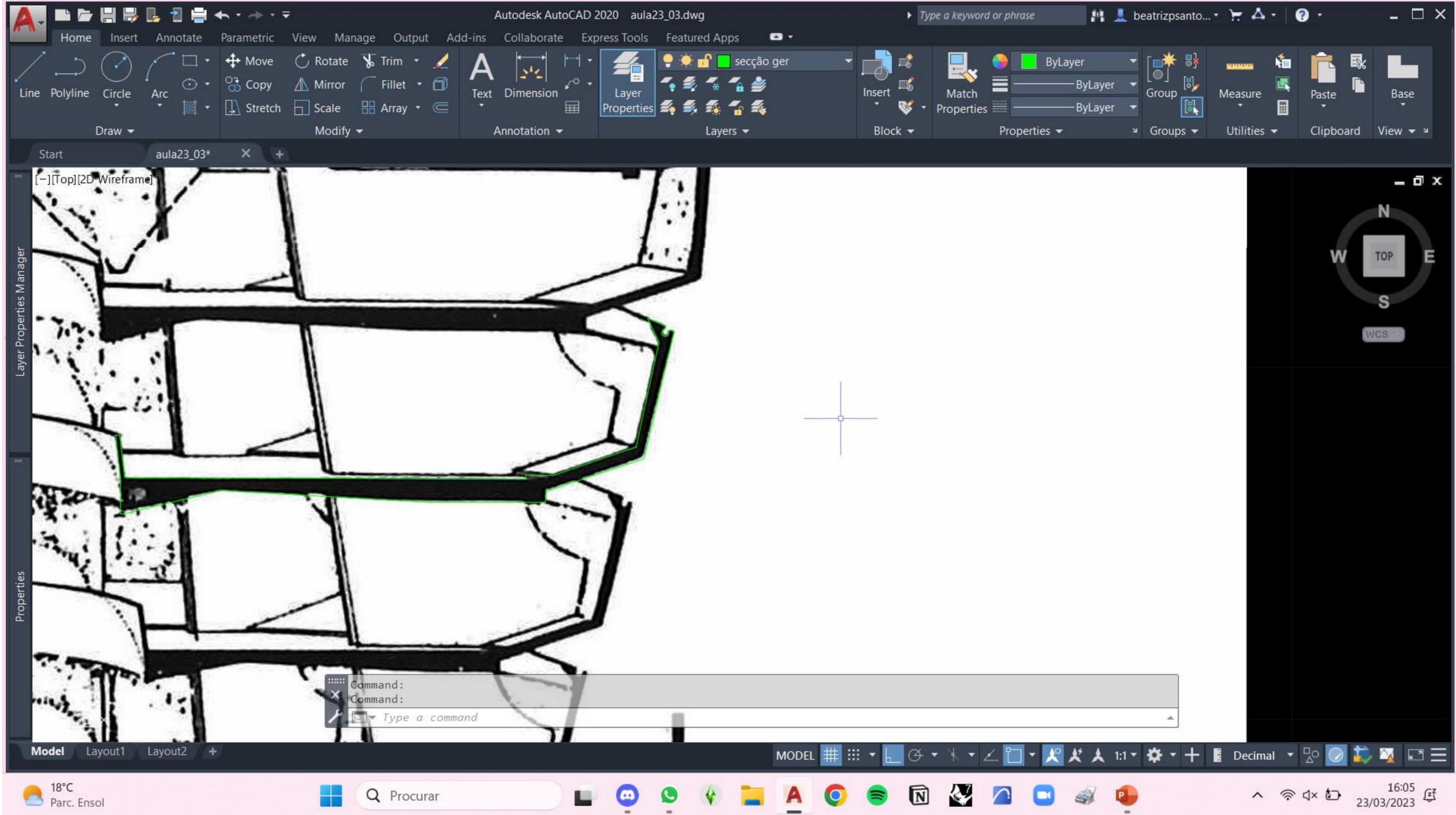
Exerc. 5.2 – Loft



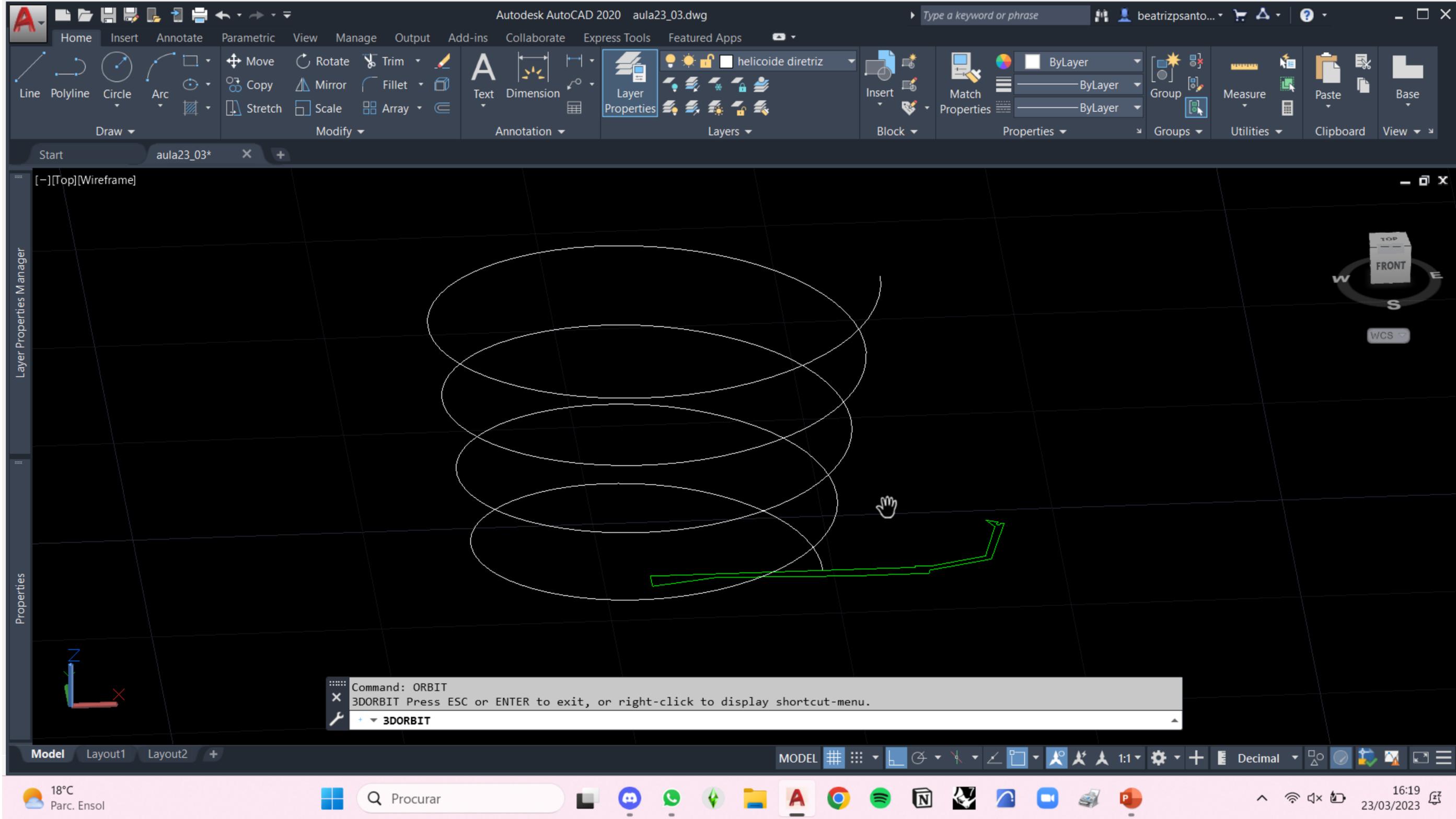
Exerc. 5.2 – Loft



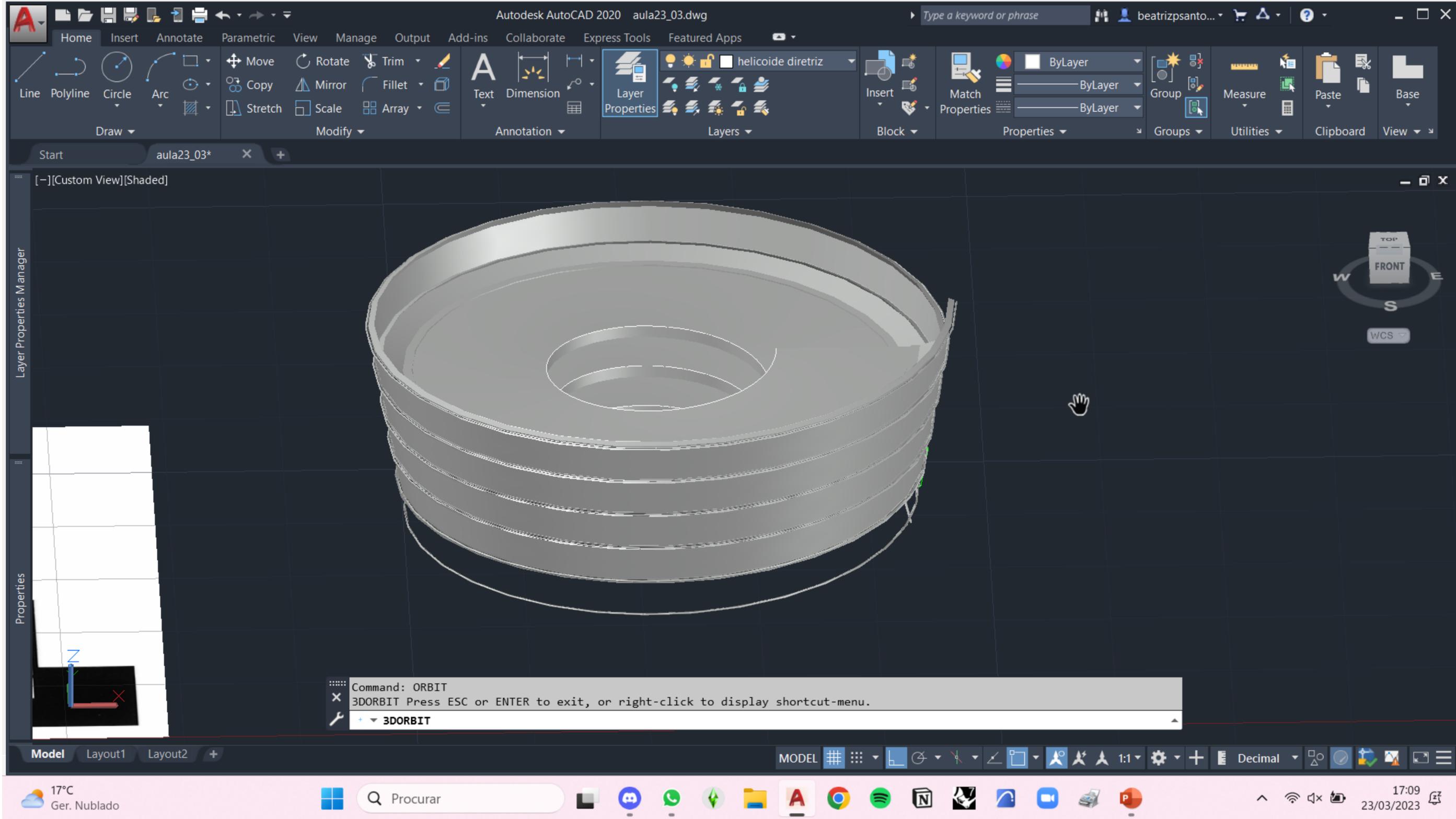
Exerc. 6 – Guggenheim



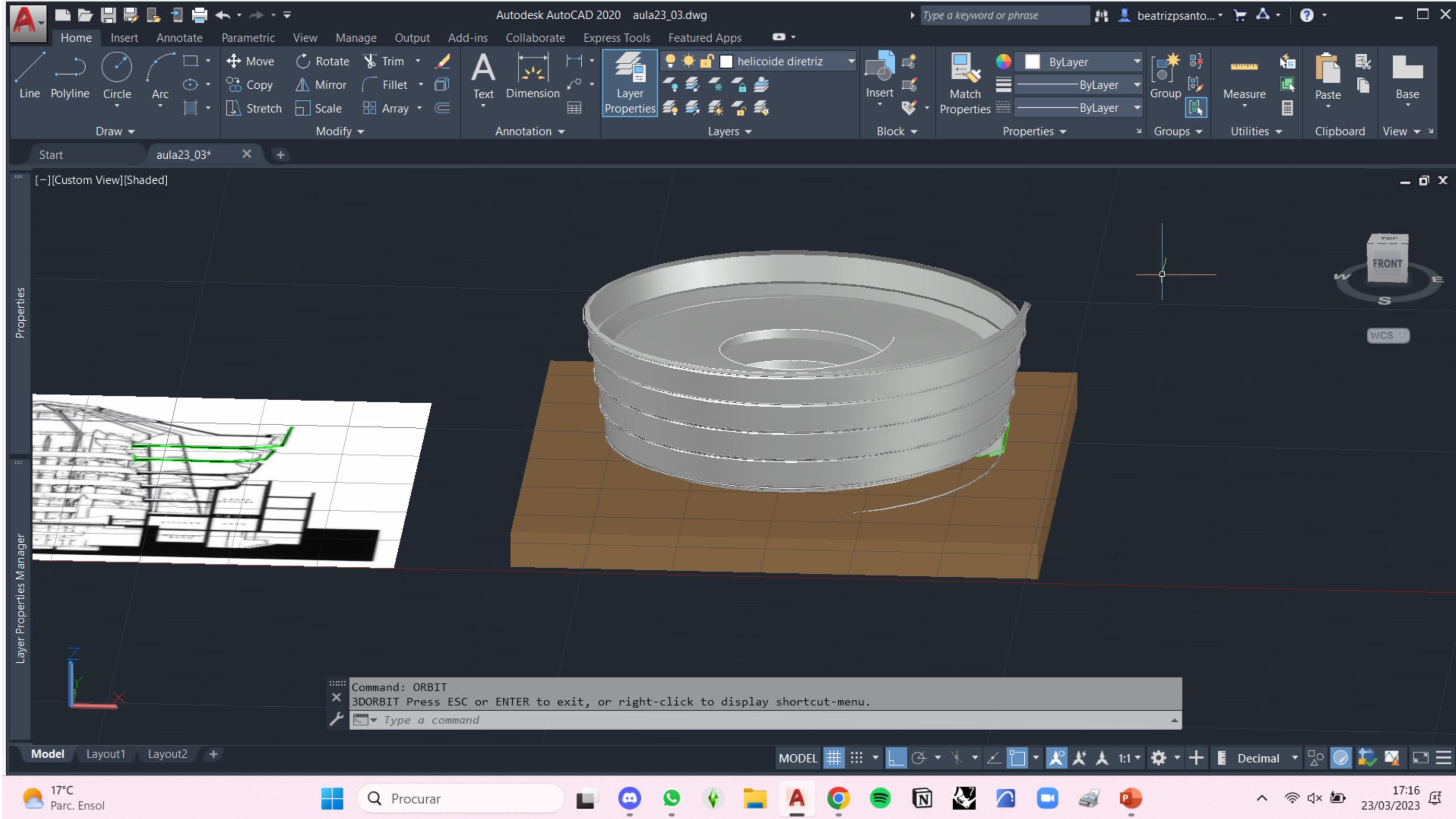
Exerc. 6 – Guggenheim



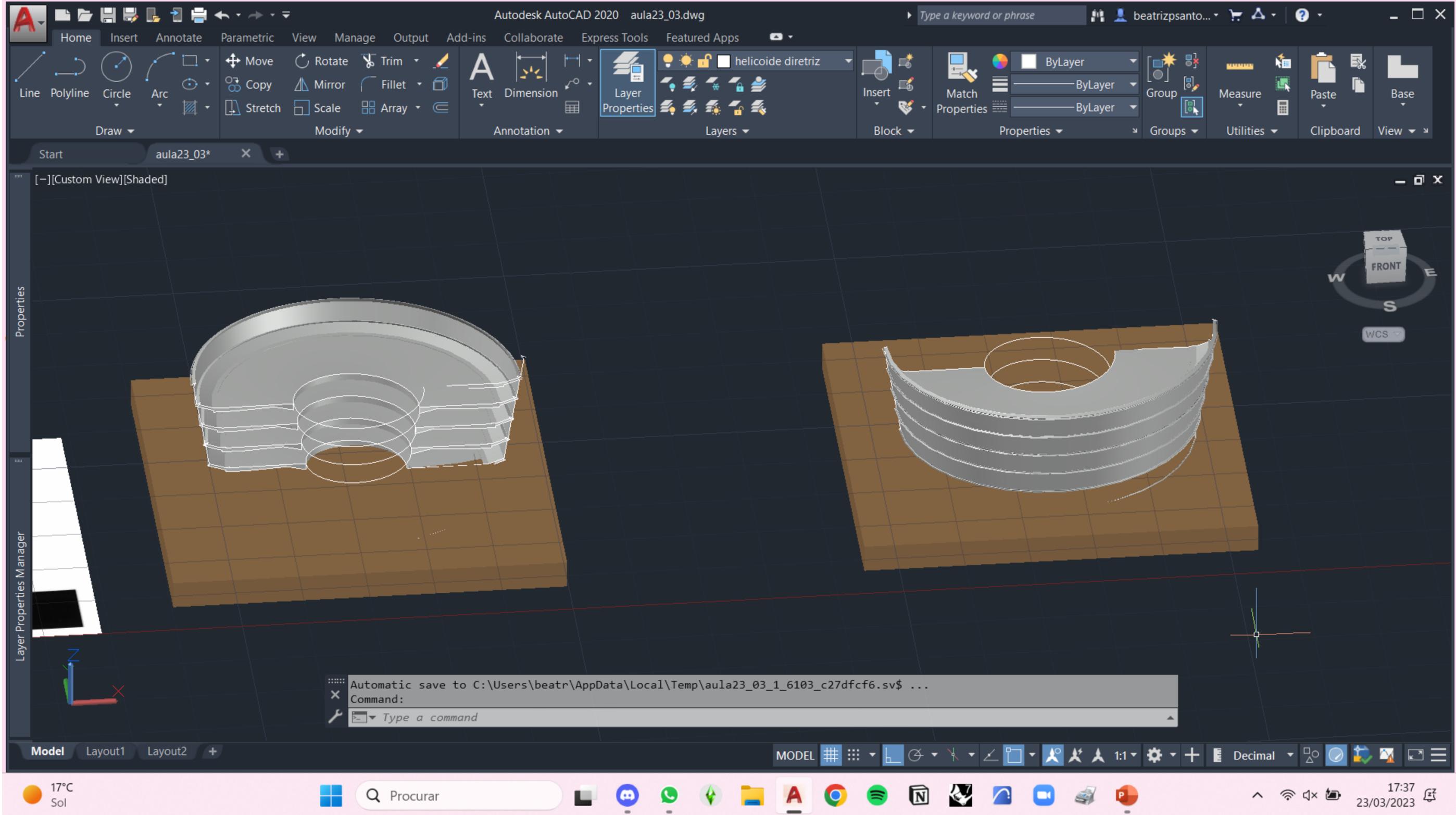
Exerc. 6 – Guggenheim



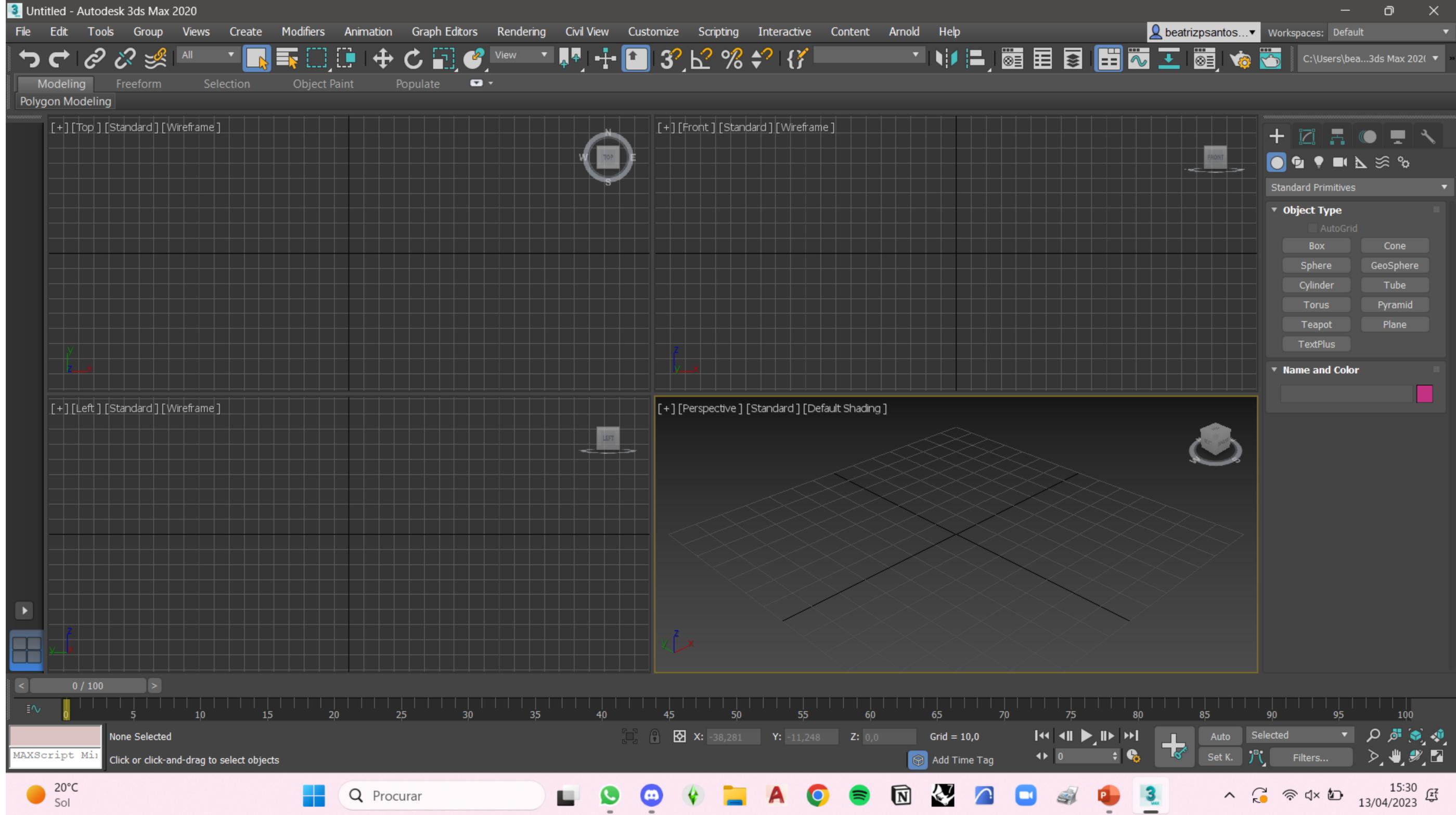
Exerc. 6 – Guggenheim



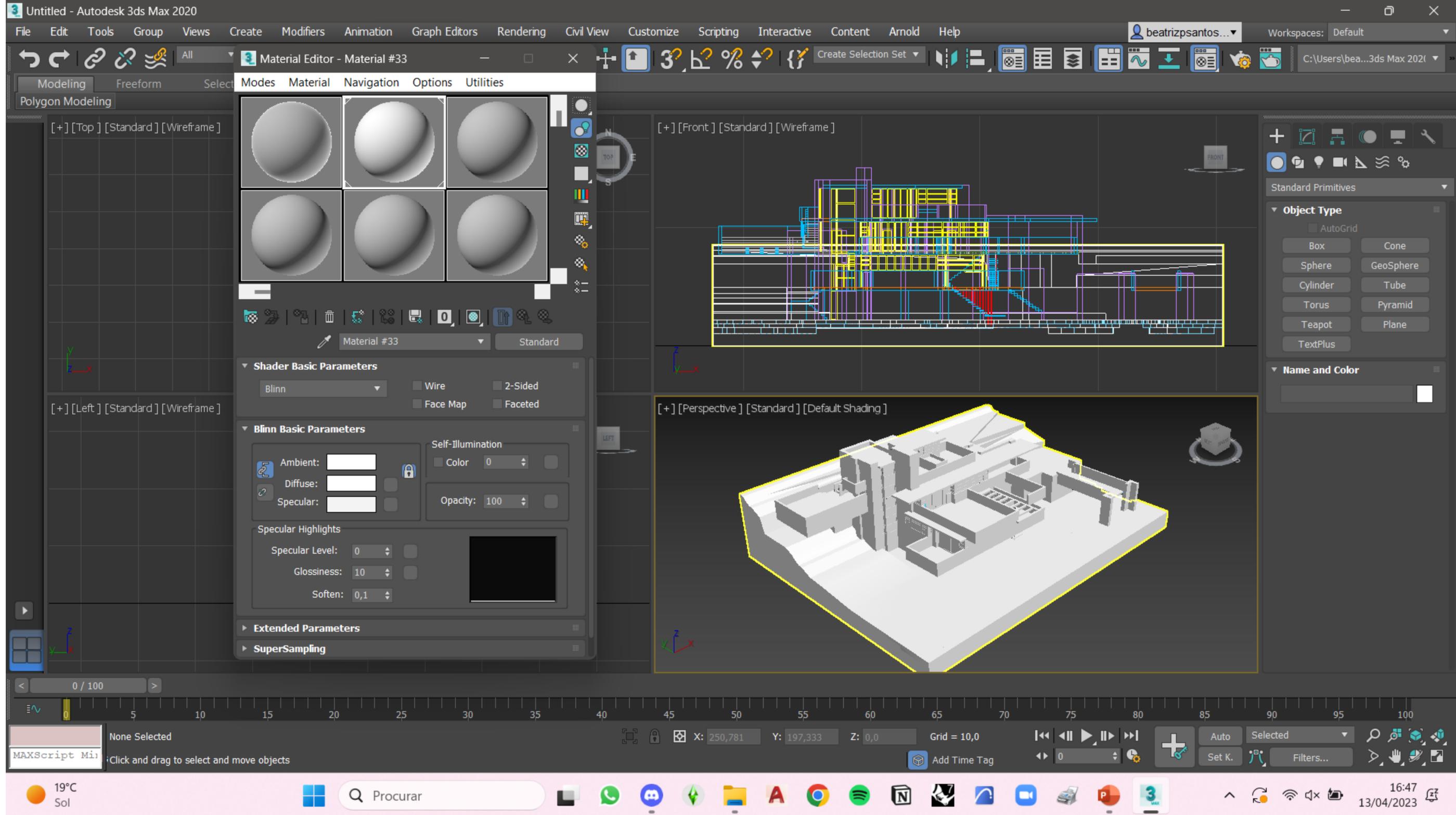
Exerc. 6 – Guggenheim



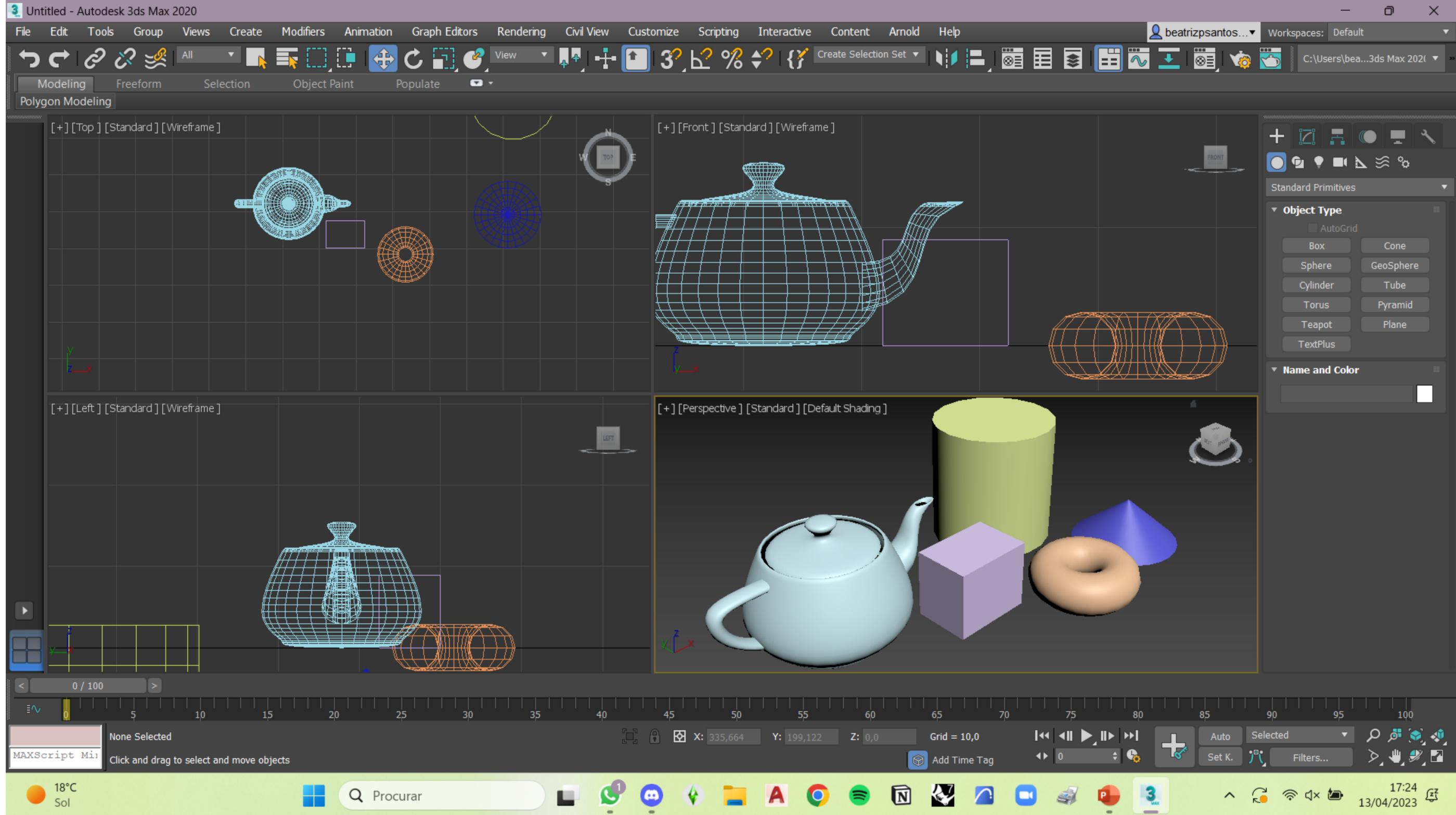
Exerc. 6 – Guggenheim



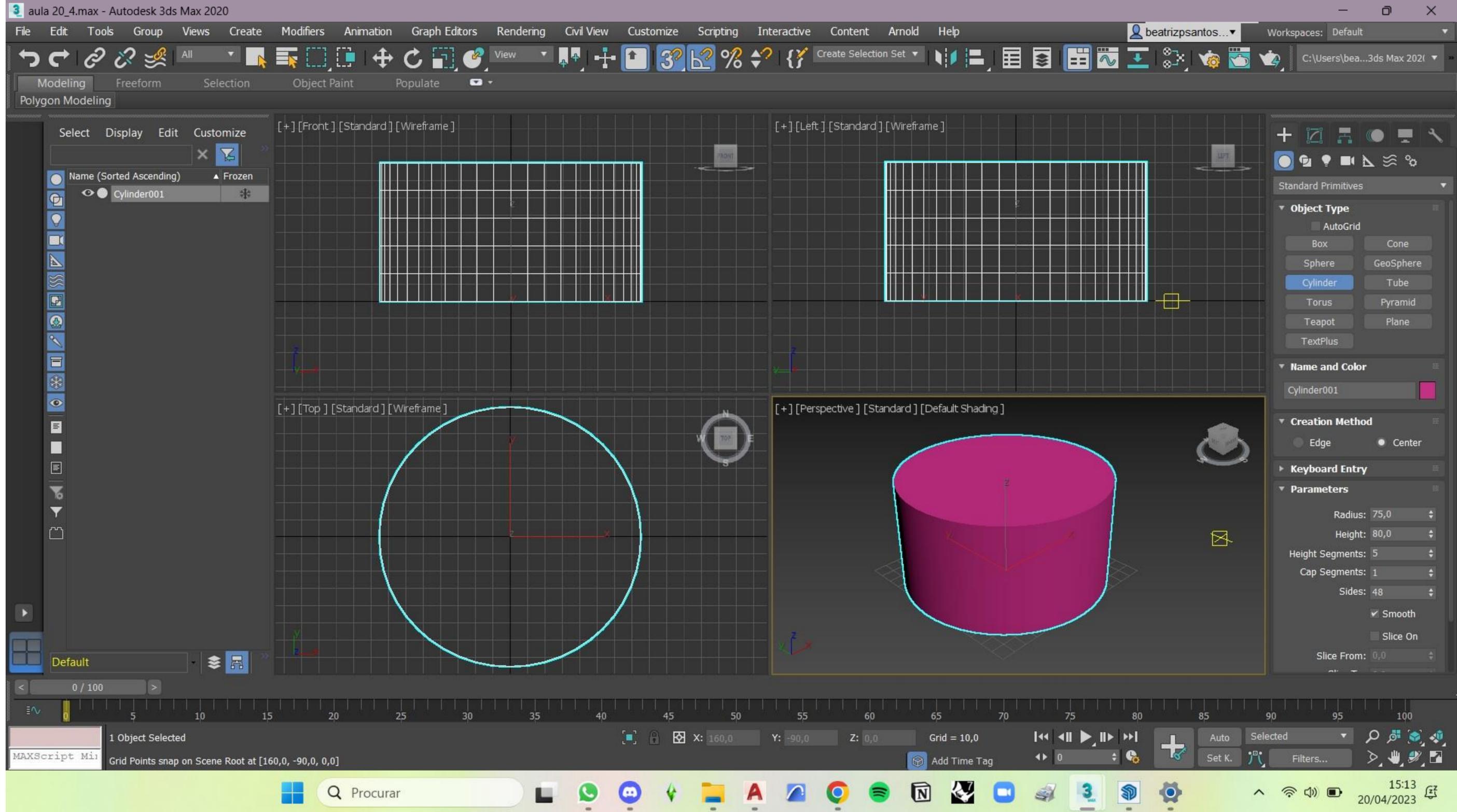
Experimentação 3DMax



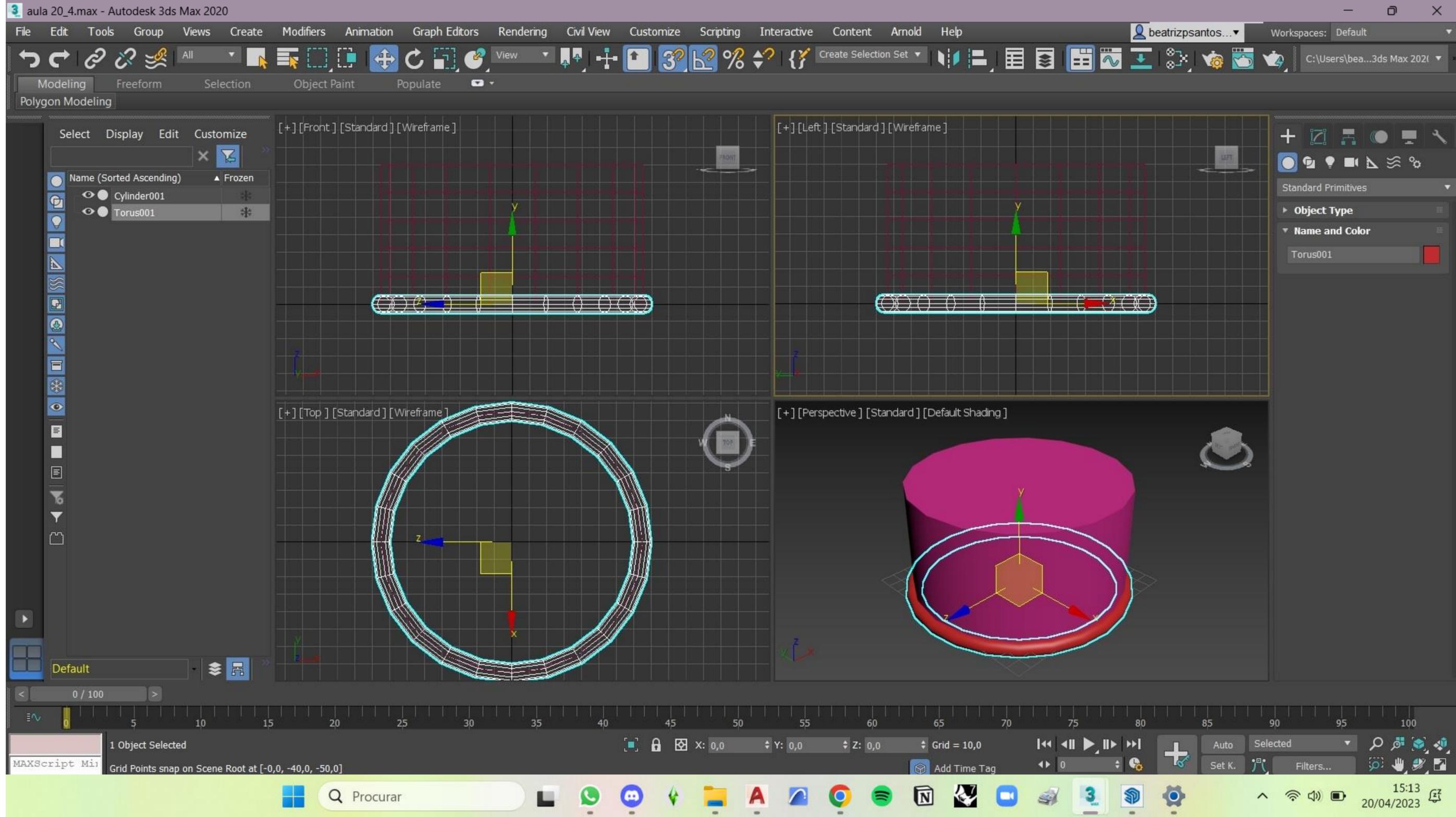
Experimentação 3DMax



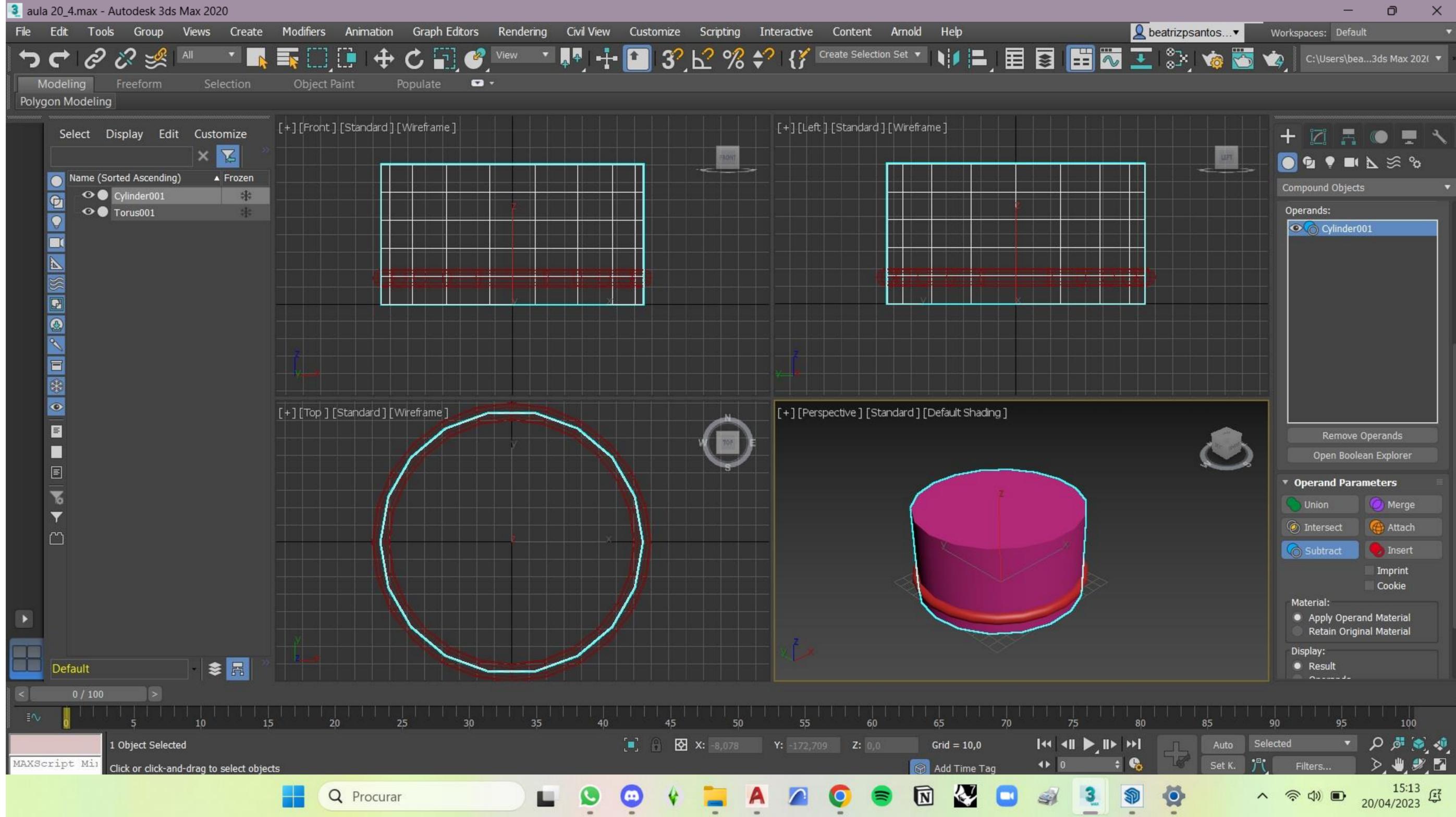
Experimentação 3DMax



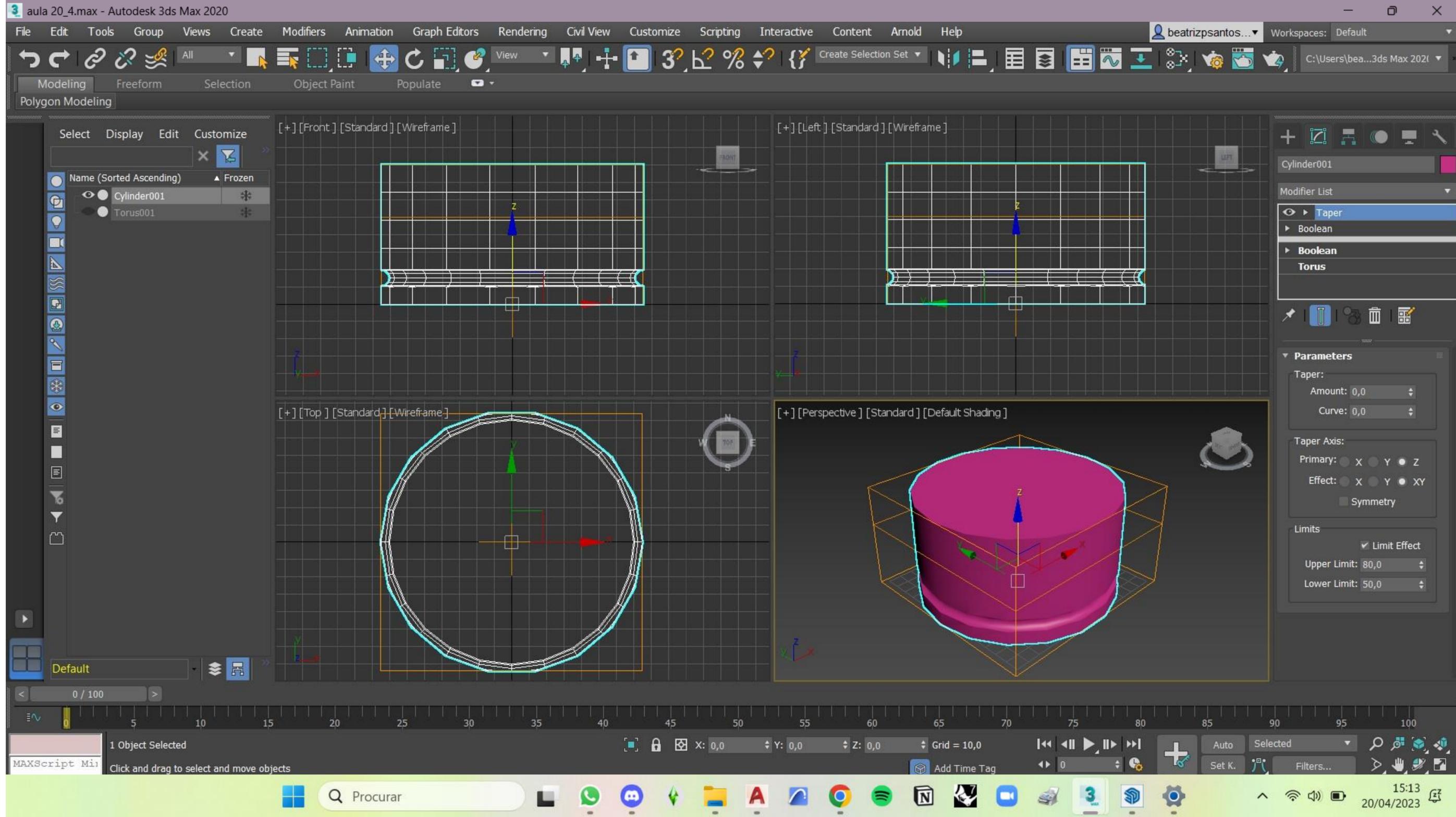
Exerc. 7 – Candeeiro



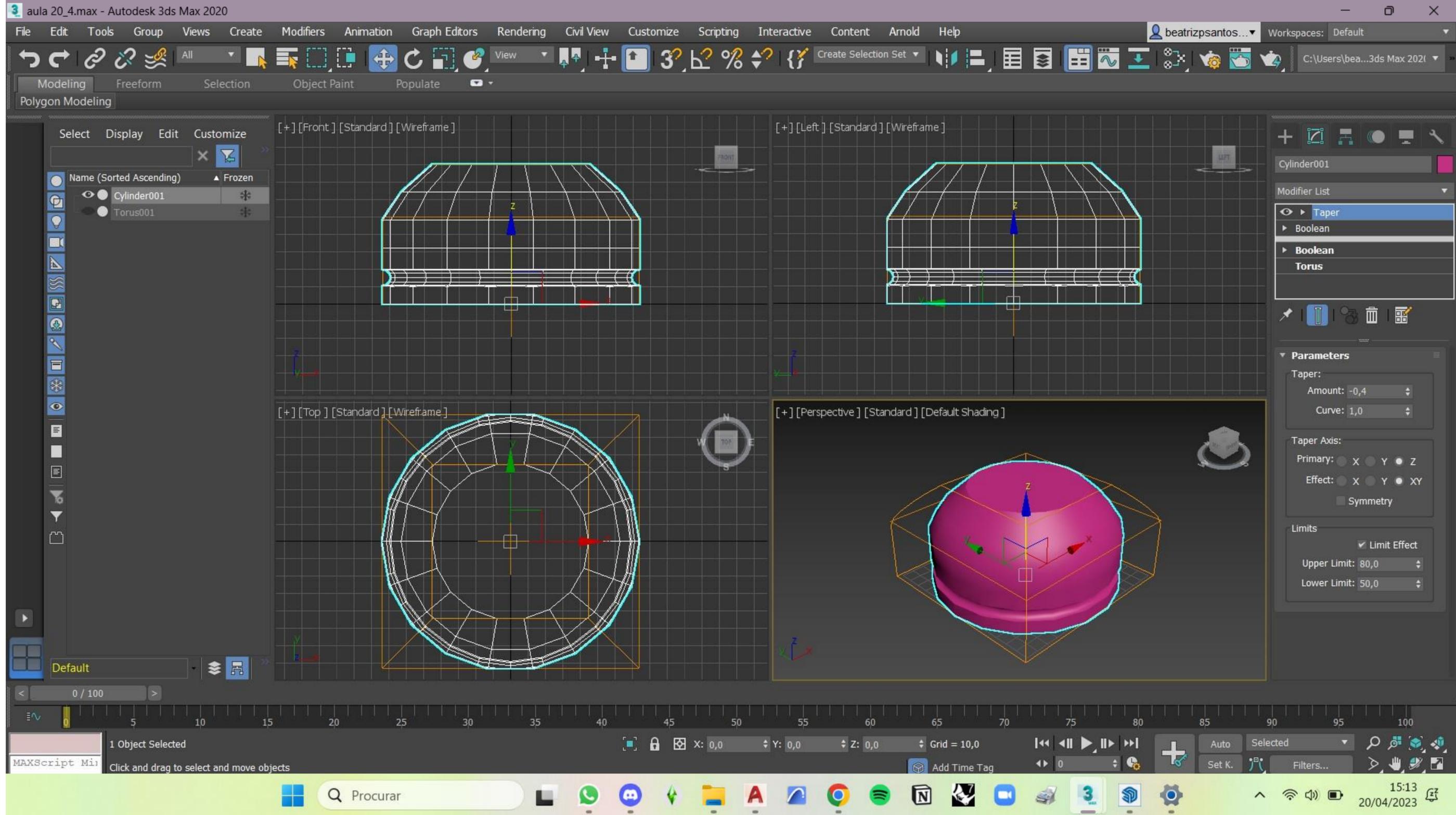
Exerc. 7 – Candeeiro



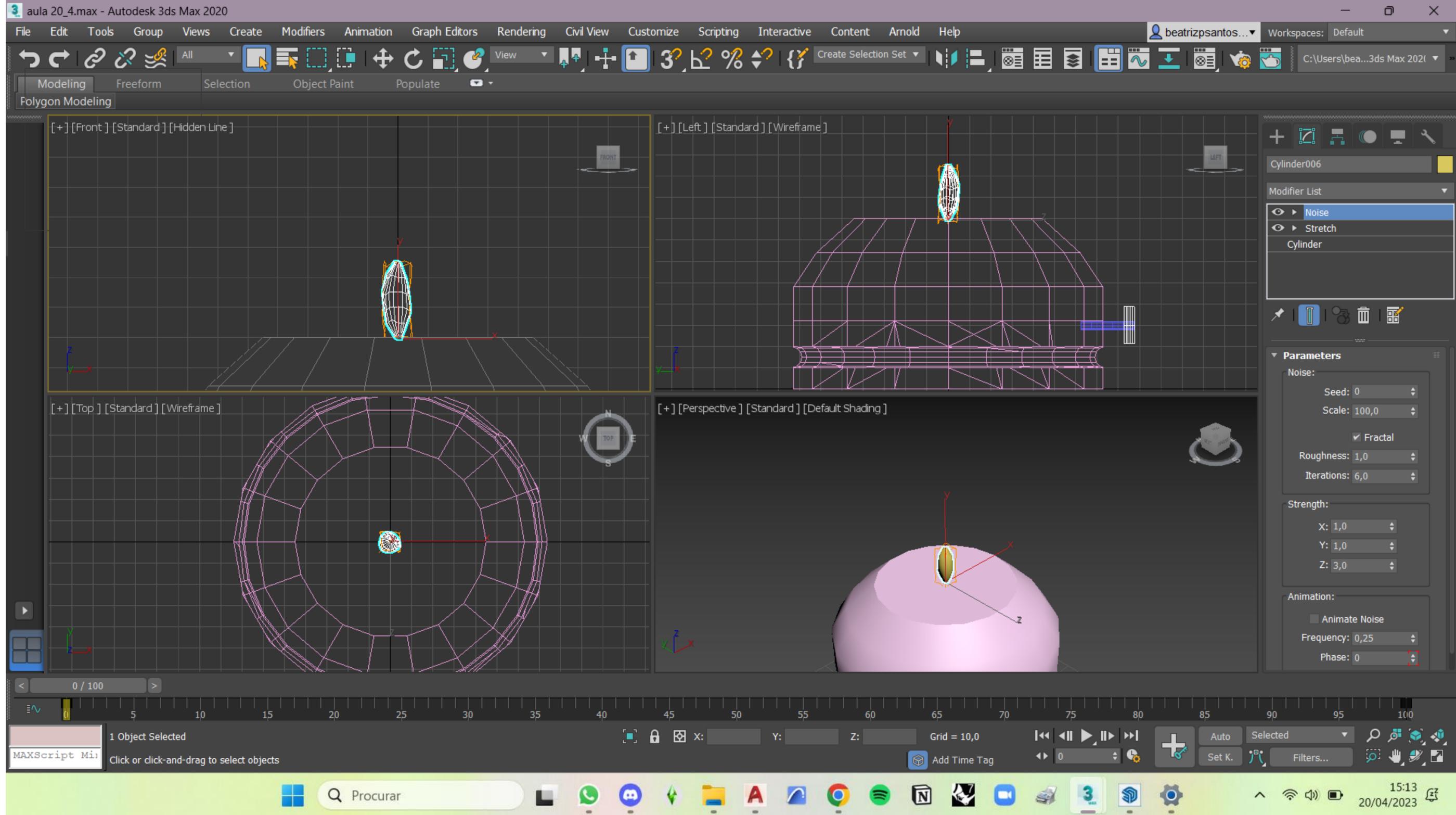
Exerc. 7 – Candeeiro



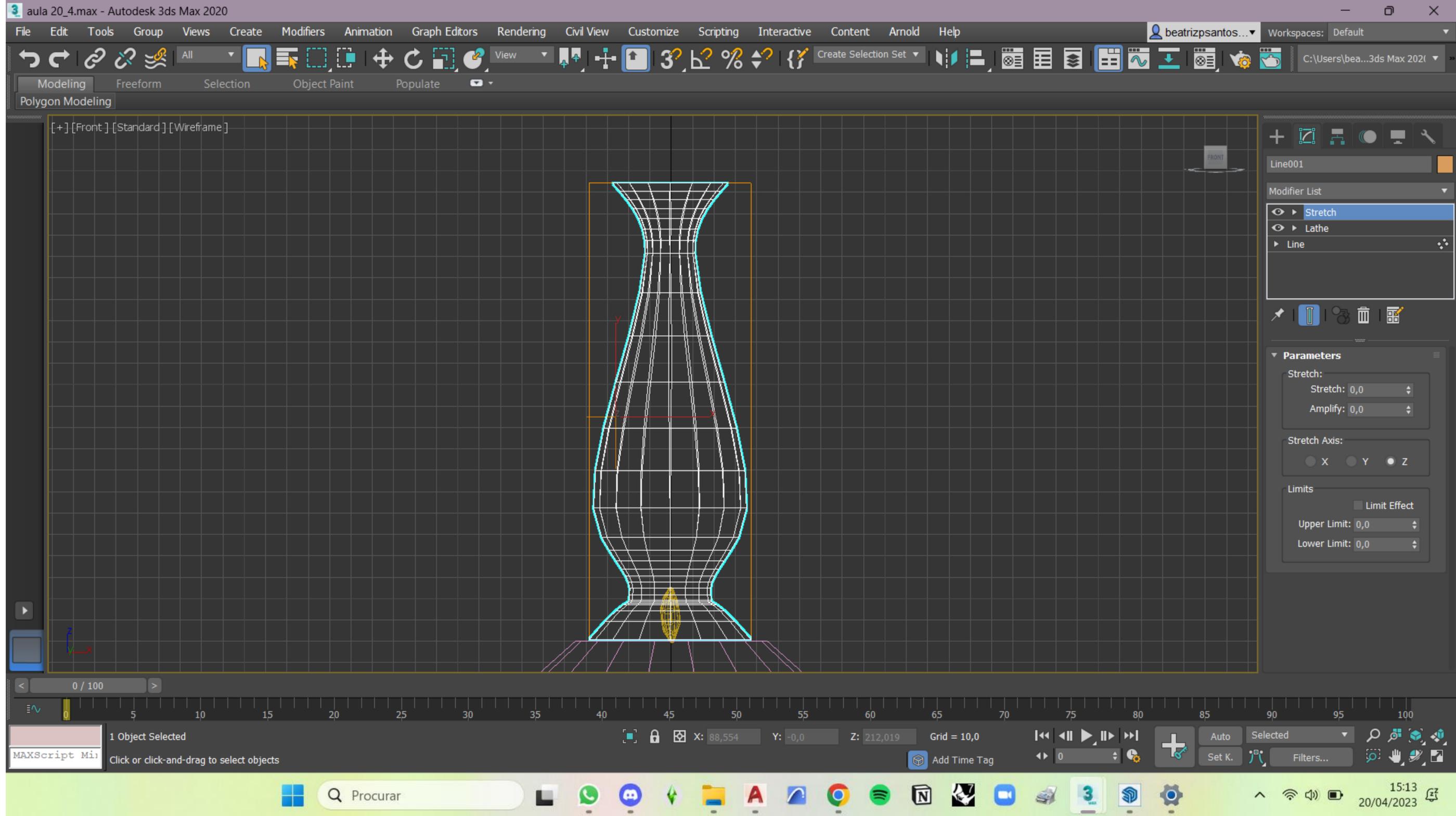
Exerc. 7 – Candeeiro



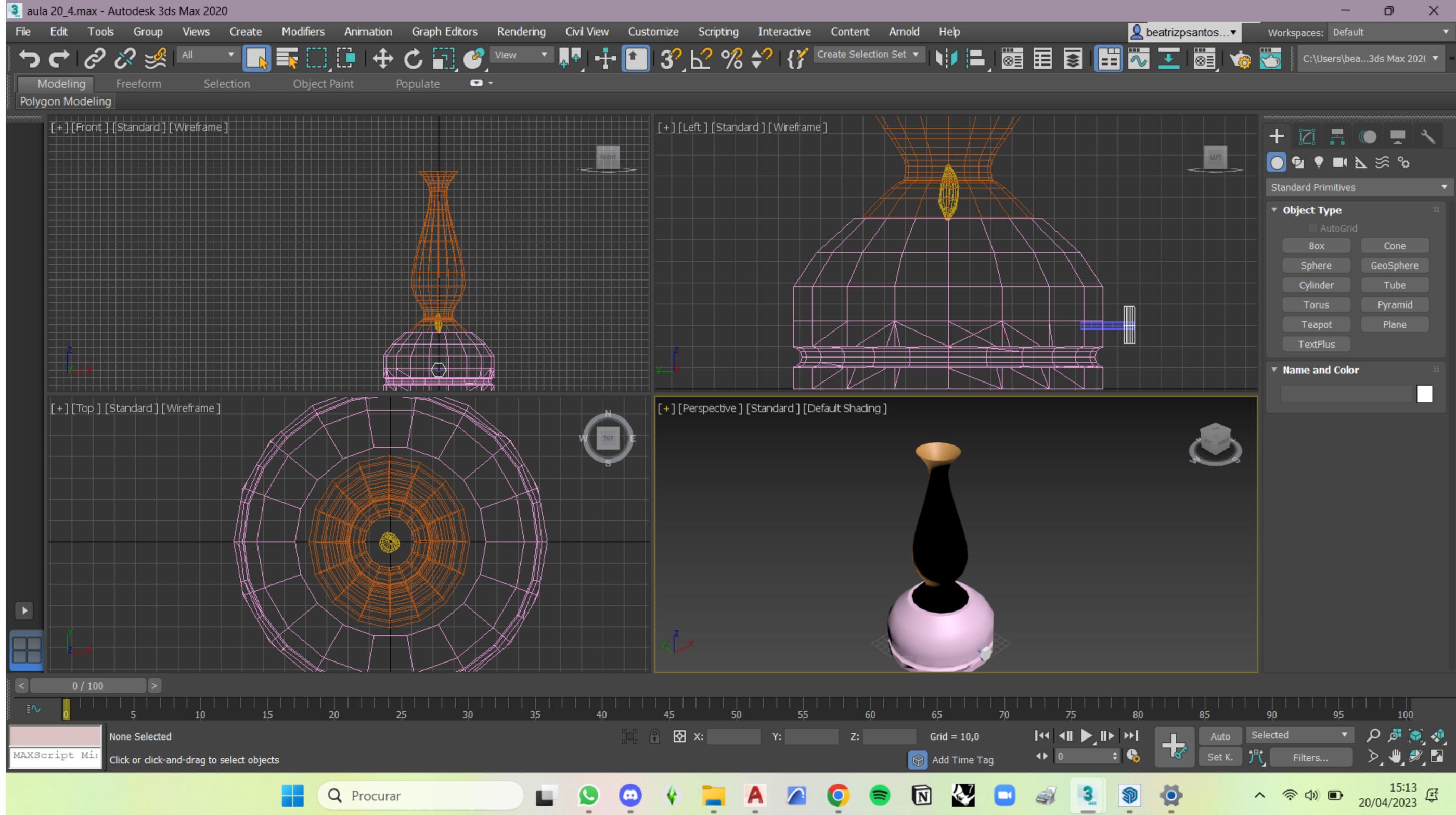
Exerc. 7 – Candeeiro



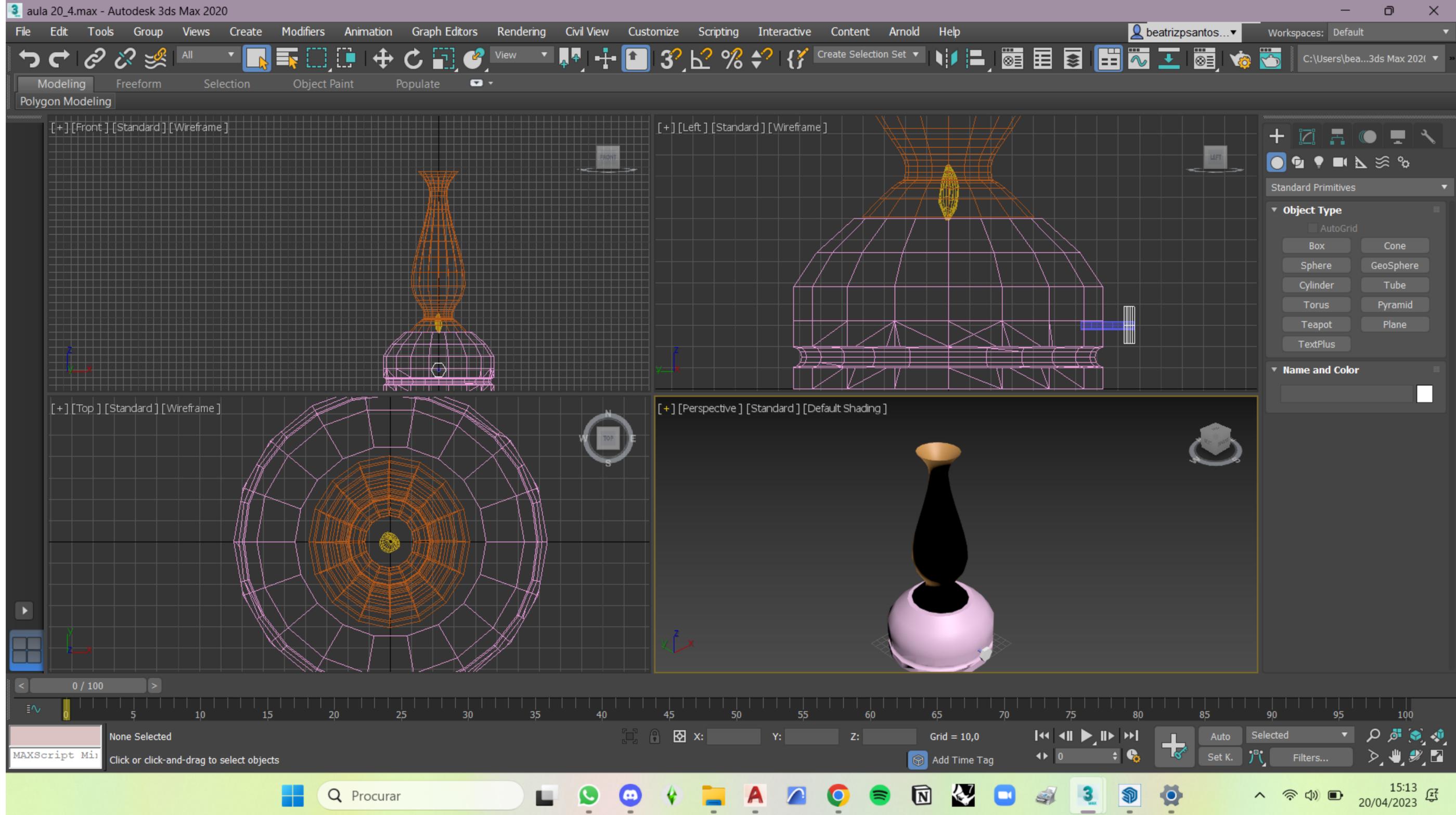
Exerc. 7 – Candeeiro



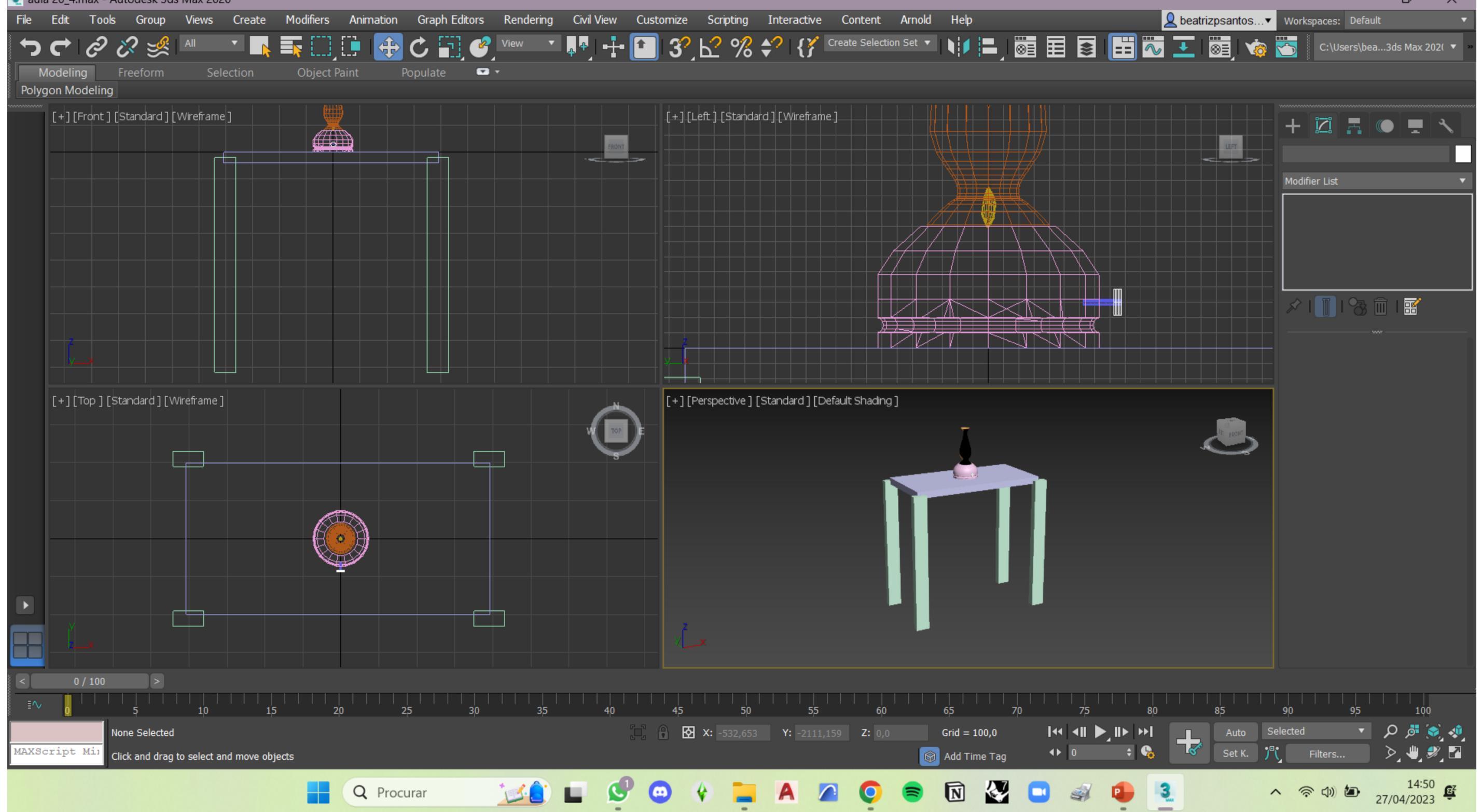
Exerc. 7 – Candeeiro



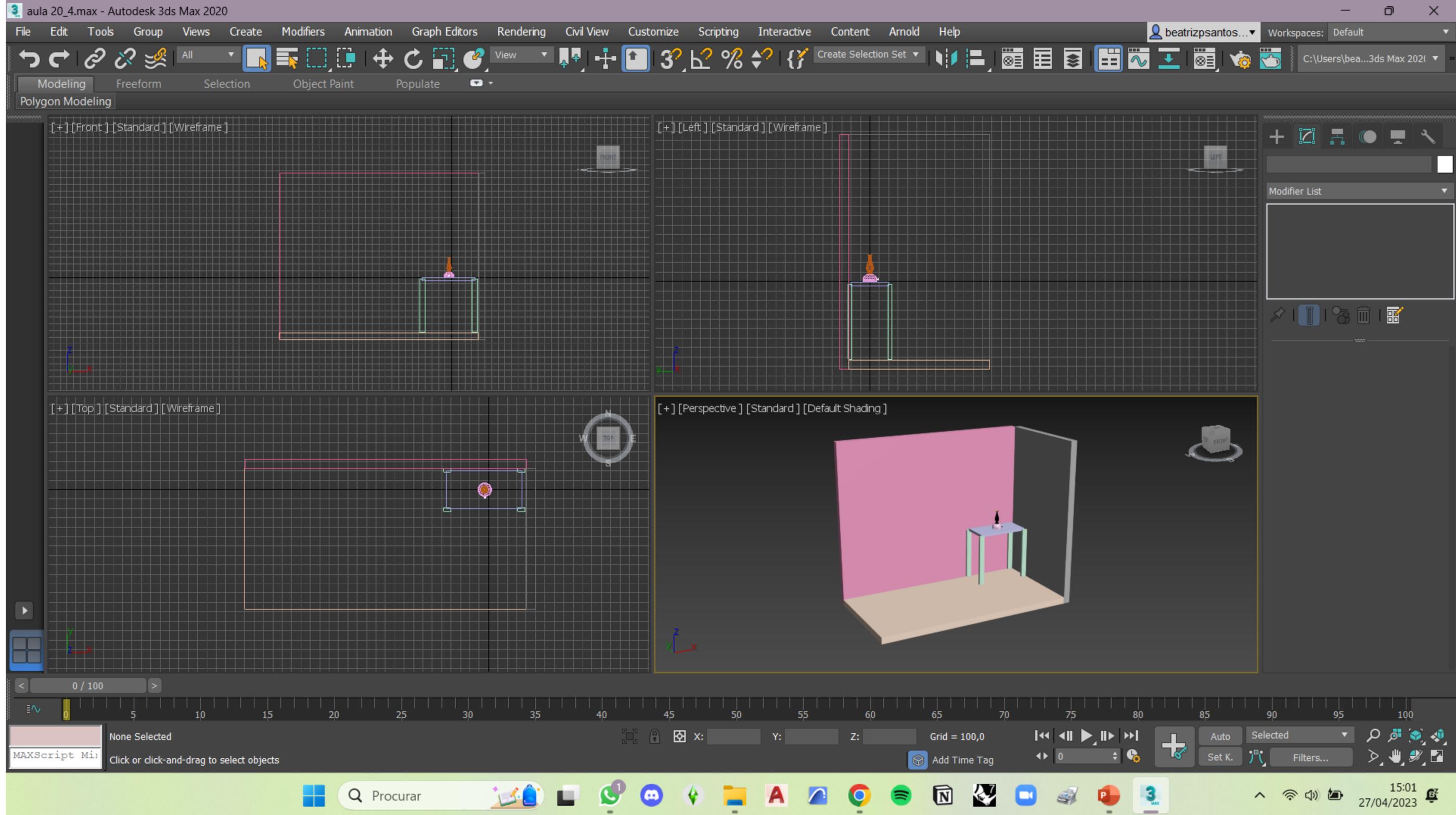
Exerc. 7 – Candeeiro



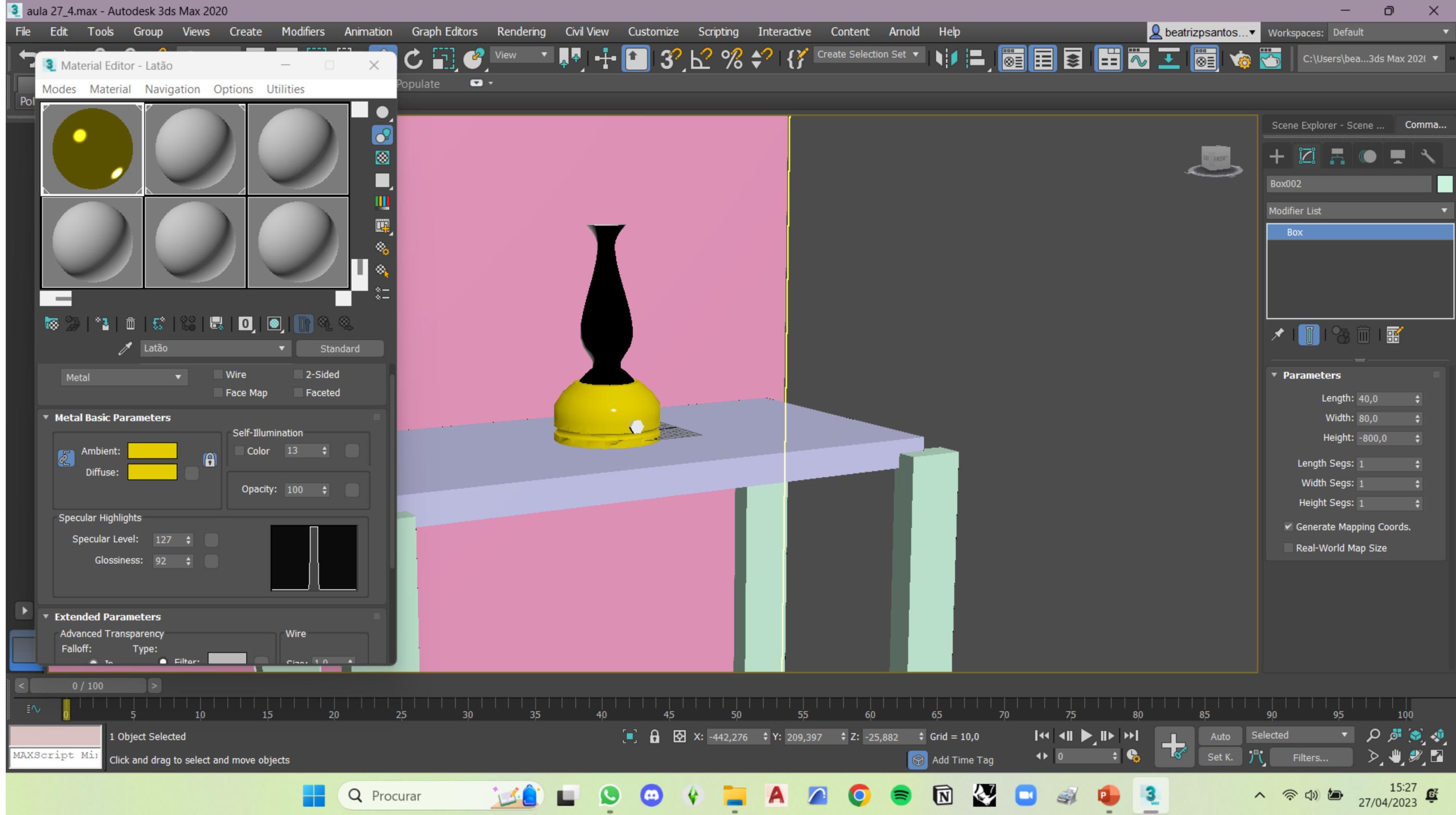
Exerc. 7 – Candeeiro



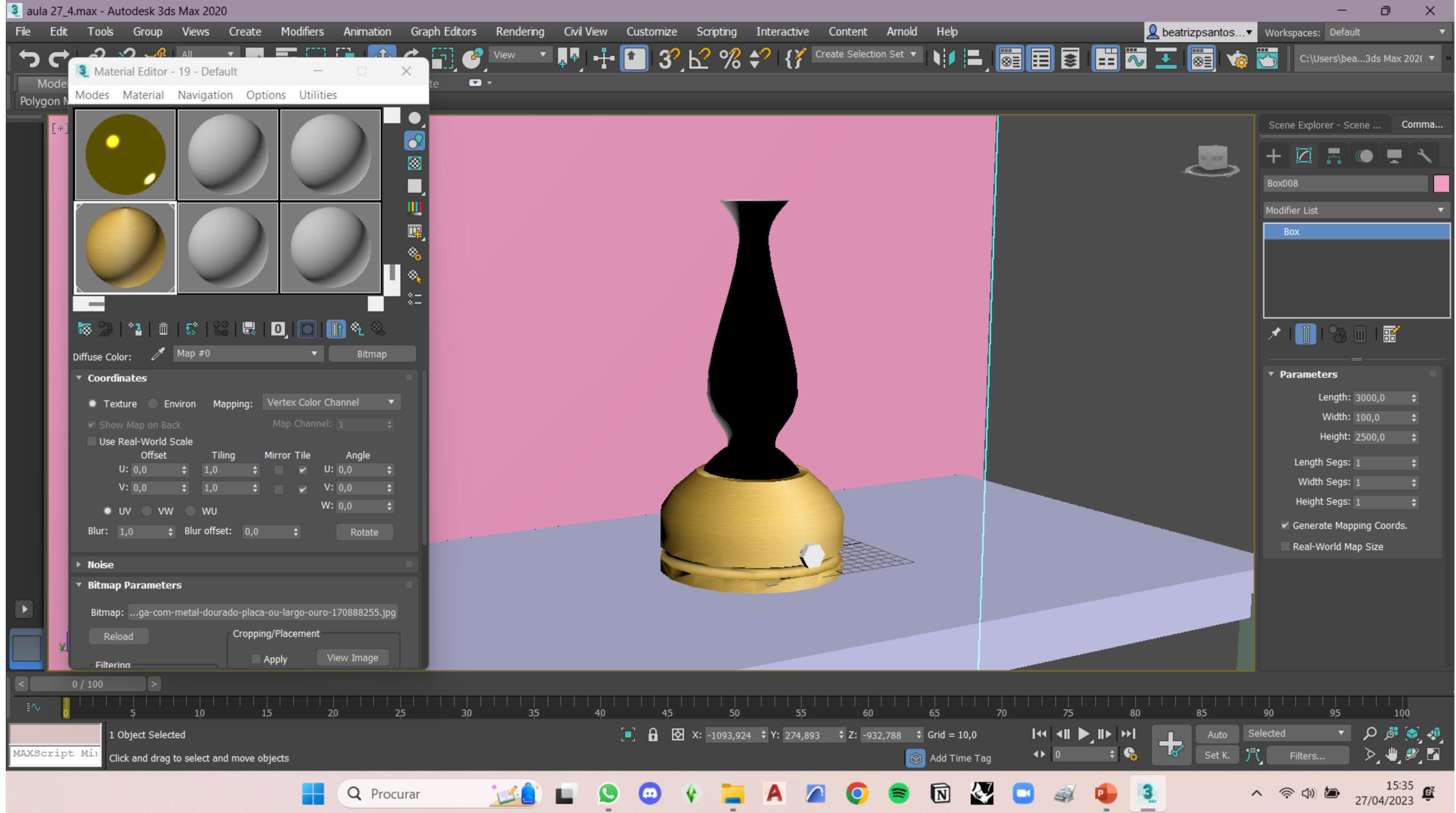
Exerc. 7 – Candeeiro



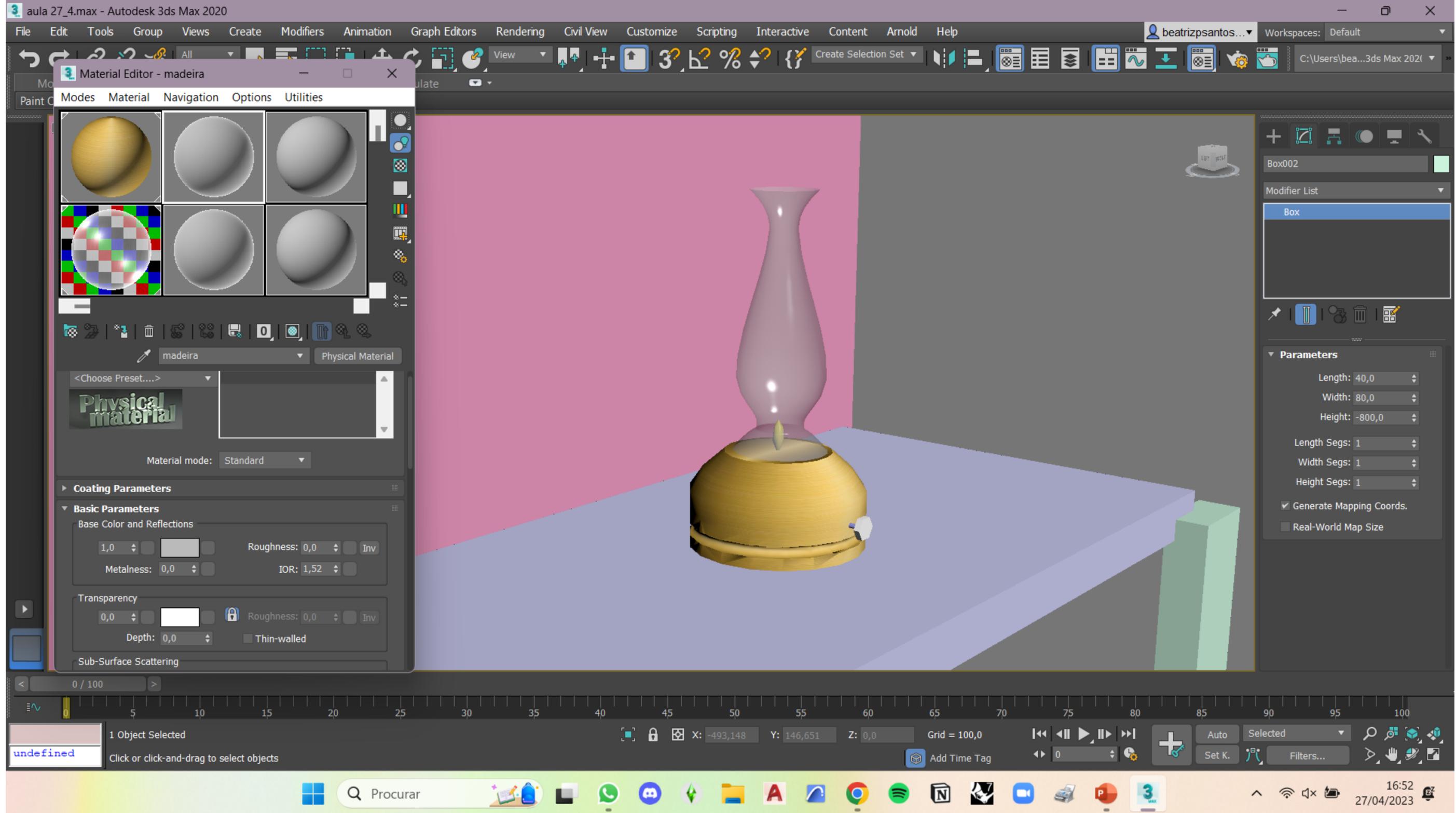
Exerc. 7 – Candeeiro



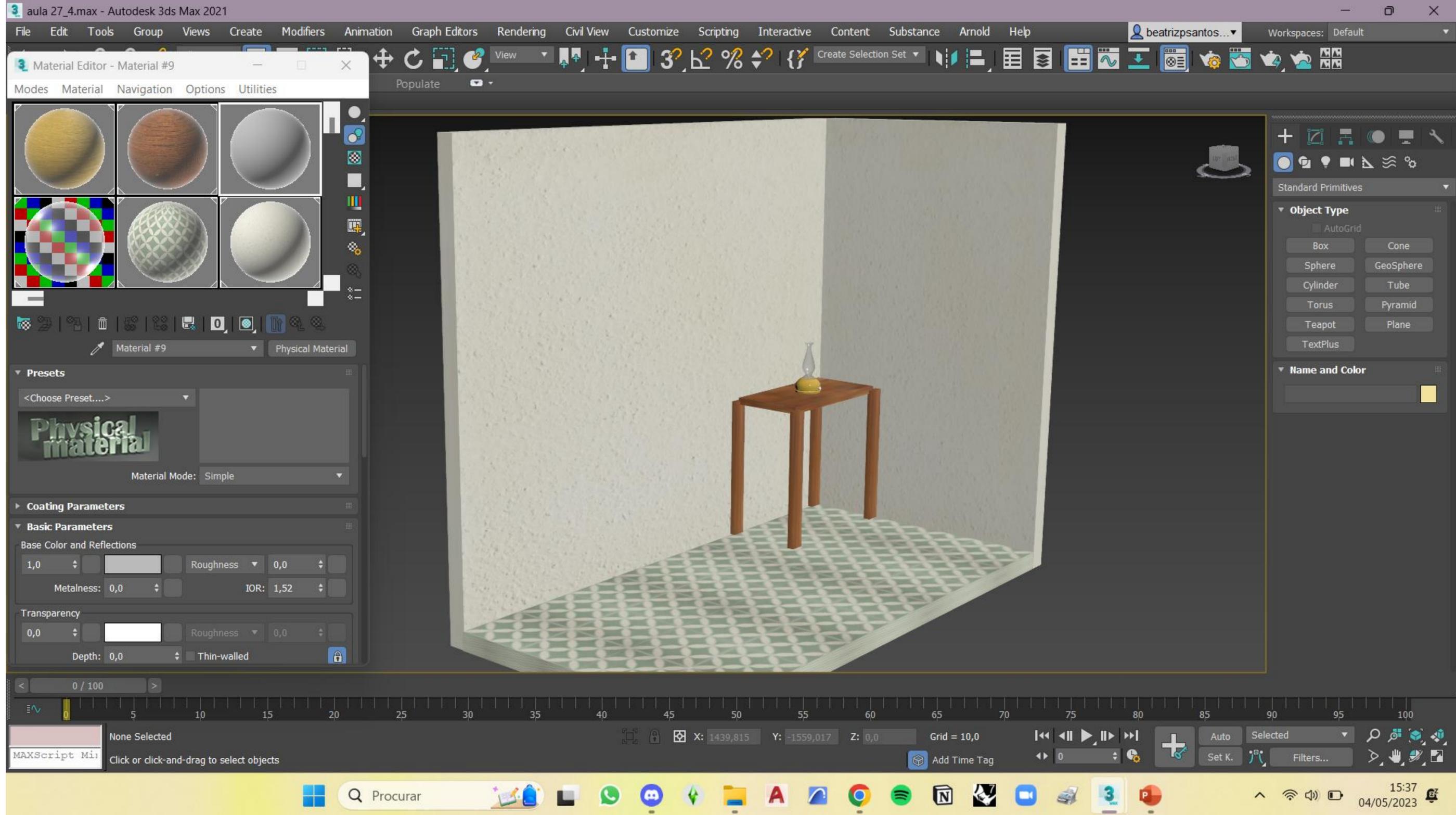
Exerc. 7 – Candeeiro



Exerc. 7 – Candeeiro



Exerc. 7 – Candeeiro



Exerc. 7 – Candeeiro